Appendix C:
Labels and Material Safety Data Sheets for Surfactants Proposed for Use with Habitat®
COMPETITOR®
Modified Vegetable Oil

U.S. Patent No. 5,631,205
CA Reg. No. 2935-50173
WA Reg. No. AW-2935-04001
EPA Est. NO. 2935-TX-2

PRINCIPAL FUNCTIONING AGENTS

| Ethyl Oleate, Sorbitan Alkylpolyethoxylate Ester, D[5/0,0,0] Polyoxyethylene Glycol | 98% |
| Constituents Ineffective as spray adjuvant | 2% |
| Total | 100% |

KEEP OUT REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. Wear proper eye protection to reduce splash exposure. Wear protective gloves and proper personal protective equipment to reduce skin exposure. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. This product may cause an allergic reaction in sensitive individuals.

FIRST AID

IF SWALLOWED, Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. IF ON SKIN OR CLOTHING, Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. IF INHALED, Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE REGULATIONS.

Read label of pesticide carefully. Keep container tightly closed and DO NOT allow water to be introduced to contents of this container.

GENERAL INFORMATION

COMPETITOR® is a Modified Vegetable Oil containing a non-ionic emulsifier system. COMPETITOR® can be used with products where a modified vegetable oil or crop oil concentrate is recommended.

PREPARATION OF SPRAY MATERIAL

Fill spray tank one-half full of water. Add the required amount of pesticide while agitating. Add remainder of the water. Add the recommended amount of COMPETITOR® last and continue agitation until completion of spraying.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

STORAGE: Keep product in original container. Do not put concentrate or dilute into food or drink containers. For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC (800) 424-9300.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Do not reuse container. Offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY STATEMENT: WILBUR-ELLIS COMPANY warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of WILBUR-ELLIS COMPANY. In no case shall WILBUR-ELLIS COMPANY be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling or application of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid for this product or at WILBUR-ELLIS COMPANY'S election, the replacement of this product. WILBUR-ELLIS COMPANY MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

WILBUR-ELLIS Logo®. IDEAS TO GROW WITH® and COMPETITOR® are registered trademarks of WILBUR-ELLIS Company.

IN CASE OF EMERGENCY, CALL CHEMTREC: (800) 424-9300

NET CONTENTS: ______GALLON(S)

Manufactured by:
WILBUR-ELLIS COMPANY
PO BOX 16458 – FRESNO CA 93755
MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME: COMPETITOR

I. NAME
PRODUCT/TRADE NAME: COMPETITOR
EPA REGISTRATION #: NONE
CHEMICAL NAME/COMMON NAME: Ethyl Oleate/Ethylene

II. HAZARDOUS INGREDIENTS
CAS#  OSHA PEL  ACGIH TLV
Ethylene  111-62-6  NE  NE

III. PHYSICAL DATA
SPECIFIC GRAVITY (H2O = 1): .9
MELTING POINT: NA
VAPOR DENSITY (AIR = 1): NE
% VOLATILES BY VOL.: NE
ODOR: Fatty
APPEARANCE: Amber Liquid
FLASH POINT/METHOD: >150 Deg. C
VAPOR PRESSURE (mmHg): NE
SOLUBILITY IN H2O: Emulifiable

IV. FIRE & EXPLOSION HAZARD
EXTINGUISHING MEDIA: [ ] Water Fog [ ] Foam [ ] Alcohol Foam
[ ] CO2 [ ] Dry Chemical [ ] Other
FIRE FIGHTING PRECAUTIONS & HAZARDS:
Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective clothing. Do not breathe smoke or spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

V. CARCINOGEN STATUS
[ ] OSHA [ ] NTP [ ] ARC [X] No Listing Type

VI. REACTIVITY
[X] Stable HAZARDOUS POLYMERIZATION
[ ] Unstable [ ] May Occur [X] Will Not Occur
AVOID: Strong oxidizers, organic material
HAZARDOUS DECOMPOSITION PRODUCTS: COx

VII. SPILL OR LEAK PROCEDURES
STEPS TO BE TAKEN IN CASE OF SPILL: Absorb with inert material and sweep or vacuum into disposal container.
DECONTAMINATION: Treat spill area with detergent and water. Absorb with inert material. Place in disposal container and repeat procedure as necessary until area is clean.
ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.
DISPOSAL: Dispose of in accordance with Federal, State and local regulations.

VIII. HEALTH PRECAUTION DATA
INGESTION: Do not ingest. Wash thoroughly before eating, drinking or smoking.
INHALATION: No PEEL/TLV established for this product. Do not inhale mist. Use proper respiratory protective equipment for exposures above the PEEL/TLV.
SKIN ABSORPTION: Avoid contact with skin. Can cause skin irritation. Wear proper personal protective equipment to reduce skin exposure.
EYE EXPOSURE: Keep out of eyes. If exposed, flush eyes for a minimum of 15 minutes with water. Wear proper eye protection to reduce splash exposure.
EFFECTS OF OVEREXPOSURE: Material is not toxic or irritating to the skin. No known chronic effects. No known preexisting medical conditions will be aggravated by exposure.
FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin exposure, remove contaminated clothing and wash with soap and water. For eye contact, irrigate for a minimum of 15 minutes with water. If inhaled, remove victim to fresh air, and administer CPR if necessary.

IX. SPECIAL PROTECTION INFORMATION
RESPIRATORY PROTECTION: Use NIOSH/MSHA - approved respirator for organic vapors for exposures up to 10 times the PEEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and exposures above 10 times the PEEL/TLV.
PERSONAL PROTECTIVE EQUIPMENT: Neoprene or rubber gloves and safety goggles.
VENTILATION: General ventilation.

X. SPECIAL PRECAUTIONS
Keep out of the reach of children. Read and follow all label instructions.

XI. REGULATORY DATA
SARA HAZARD CLASS: [X] Acute [ ] Chronic [ ] Flammable
[ ] Pressure [ ] Reactive [ ] None
SARA 313: [ ] Yes [X] No Chemical:
SARA 302: [ ] Yes [X] No Chemical:
TPO:
CERCLA: [ ] Yes [X] No Chemical:
RCRA: [ ] Yes [X] No
NFPA HAZARD RATING:
Health: [1] 0 = Minimal 3 = Serious
Fire: [1] 1 = Slight 4 = Severe
Reactivity: [X] 2 = Moderate
HMS CODES: HMS HAZARD RATING SCALE:
Health: [1] 0 = Minimal 3 = Serious
Fire: [1] 1 = Slight 4 = Severe
Reactivity: [X] 2 = Moderate
NFPA HAZARD RATING SCALE:

DATE PREPARED: October 8, 2003
REVISED DATE:

Notice: This information was developed from information on the constituent materials. No warranty is expressed or implied regarding the completeness or continuing accuracy of the information contained herein, and Wilbur-Ellis disclaims all liability for reliance thereon. The user should satisfy himself that he has all current data relevant to his particular use.

*Technical Material NE - Not Established NA - Not Applicable

24 Hour Emergency Phone Number
CHEMTREC: (800) 424-9300
CYGNET PLUS
SPRAY ADJUVANT FOR PESTICIDES
ACTIVATOR / PENETRANT - NONIONIC - BIODEGRADABLE - WATER EMULSIFIER - LOW VISCOSITY

CAUTION
Do not take internally. Avoid eye and skin contact. KEEP OUT OF THE REACH OF CHILDREN.

FIRST AID:
If Swallowed: Do not induce vomiting. Get medical attention. In case of eye and skin contact, flush thoroughly with water.

FLASH POINT: 135°F
Noncombustible

STORAGE AND DISPOSAL
Do not store near heat or open flame. Store in original container. Do not reuse empty container. Triple rinse or equivalent into spray tank then dispose of or recondition container through the regulations set by local and state authorities.

CYGNET PLUS is non-corrosive to metal and chemical-resistant hose. In continued use it is detrimental to rubber and plastic.

ACTIVE INGREDIENTS:
- Imidacloprid 75%
- Methylated vegetable oil 15%
- Alkyl hydroxypropoxyl alcohol 10%
TOTAL 100%

CYGNET PLUS is a wetting agent. Activator and penetrant all in one.

CYGNET PLUS is a nonionic aquatic wetting agent.

DIRECTIONS FOR USE

<table>
<thead>
<tr>
<th>Type of Herbicide Application</th>
<th>HIGH VOLUME GROUND APPLICATION</th>
<th>LOW VOLUME GROUND &amp; AERIAL APPLICATION per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic - surface 1 pint-2 quarts</td>
<td>1 pint-2 quarts</td>
<td>1 pint-2 quarts</td>
</tr>
<tr>
<td>Aquatic - submerged 1-2 gallons</td>
<td>1-2 gallons</td>
<td>1-2 gallons</td>
</tr>
</tbody>
</table>

CAUTION: May cause skin and eye irritation. Harmful if swallowed. KEEP OUT OF REACH OF CHILDREN.

NET CONTENTS: [Blank]

CA-1051114-50001

Manufactured by: BREWER International
P.O. BOX 690037 • VERO BEACH, FL 32967-0037
(772) 562-0555 • 1-800-228-1833
© 1992 BREWER INTERNATIONAL

Distributed by CYGNET ENTERPRISES, INC.
by: 1850 Bagwell Street
FLINT, MI 48503-4406
1-800-359-7531

CONDITIONS OF SALE
We warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions. THERE ARE NO OTHER WARRANTIES WHETHER EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to farmer and buyer. Assume a risk of any such use.

Surface behavior of CYGNET PLUS are exempt from the requirements of tolerance under Title 40, CFR 185.100144.
Material Safety Data Sheet

Product Name: Cygnex Plus
Page 1

Section I - Manufacturer Identification
Manufacturer's Name: Brewer International       Address: PO Box 690037       Vero Beach, FL 32969
Emergency Phone: Chem Tel (800) 225-3924     Information Phone: (800) 228-1833

Section II - Composition/Information on Ingredients
- alkyl hydroxypoly oxyethylene 10%
- CAS # 127036-24-2
- d’Limonene and related isomers 90%

Section III - Health Hazard Data
Eye: Causes severe irritation, experienced as discomfort or pain, excess blinking and tear production, redness, swelling, and chemical burn of the eye.

Skin: Brief contact is not irritating. Prolonged contact may cause discomfort and local redness.

Ingestion: May cause abdominal discomfort, nausea, vomiting and diarrhea.

Inhalation: Mist may cause irritation of the respiratory tract, experienced as nasal discomfort, and discharge, with chest pain and coughing.

Other Effects: No exposure limits established by OSHA. This material can cause lung injury if disposed directly into the lung.

Section IV - First Aid Measures
Eye: Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.

Skin: Remove contaminated clothing. Wash skin with soap and water. Obtain medical attention if irritation persists. Wash clothing before reuse.

Inhalation: Remove to fresh air. Obtain medical attention if symptoms persist.

Ingestion: Give two glasses of water. Do not induce vomiting. Obtain medical attention.

Other: Treatment of overexposure should be directed at control of symptoms and the clinical condition of patient.
Product Name: Cygnet Plus

Section V – Fire Fighting Measures
Flash Point: >144 Deg. F. tag closed cup.

Fire Extinguishing Media: Foam, water fog, dry chemical, ABC fire extinguisher.

Fire and Explosion Hazards: This material may produce floating fire hazards.

Fire Fighting Equipment: Self-contained positive breathing apparatus and protective clothing should be worn.

Section VI – Accidental Release Measures
If material is released or spilled, wear eye and skin protection. Floor may be slippery; use care to avoid falling. Contain spills immediately with inert materials (i.e. sand, earth). Avoid discharge to natural waters. Transfer liquids and solid digging material to suitable containers for recovery or disposal.

Section VII – Handling and Storage
Use with adequate ventilation. Wash thoroughly after handling. Spilled material is slippery. Avoid overheating or freezing, avoid open flame. Material is combustible.

Section VIII – Exposure Control and Personal Protection
Ventilation: Adequate ventilation.

Respiratory Protection: If vapors present use approved respirator.

Skin Protection: Use of protective clothing is recommended.

Eye Protection: Wear full-face shield or goggles.

Exposure Guidelines: Use impervious gloves. Repeated skin contact could cause dermatitis.

Section IX – Physical and Chemical Properties
Boiling Point: 329 Deg. F.

Vap. Pressure: At 20 Deg C. 3mmHg

Vap. Density: <4.7

Sol. In Water: Yes

Sp. Gravity: .87 @25 Deg. C.

Appearance: Clear

Odor: Low pine odor
Product Name: Cygnet Plus
Page 3

Section X – Stability and Reactivity
Stability: Stable

Incompatibility: Avoid high temperatures and strong acids.

Hazardous Decomposition Products: Burning can produce carbon monoxide and/or carbon dioxide.

Hazardous Polymerization: Will not occur.

Section XI – Toxicological Information
**Not listed as a carcinogen**

Section XII – Ecological Information
**Not known**

Section XIII – Disposal Considerations
Check local, state and federal regulations.

Section XIV – Transport Information
NMFC number is 4610, Adjuvants. NFPA rating is 1-health, 2-fire, 0-reactivity, 0-specific hazard.

Section XV – Regulatory Information
Sara Hazard Category: This product has been reviewed according to the EPA hazard categories under section 311 and 312 of SARA Title III, 1986, and is considered, under applicable definitions, to meet the following categories:

♦ Hazardous components at level which require reporting are: none.

♦ OSHA Hazard Communications Standards, 29 CFR 1910.1200 – This product is not hazardous.

The information herein is given in good faith, but no warranty, expressed or implied, is made. Consult Brewer International for more information. It is the user’s obligation to determine the conditions of safe use of the product.

Date revised: September 26, 2002
SPECIMEN LABEL

A NONIONIC SPRAY ADJUVANT
ACTIVE INGREDIENTS:
Proprietary blend of polyalkylene oxide modified polydimethylsiloxane, nonionic emulsifiers, and methyl esters of C16–C18 fatty acids
INEFFECTIVE AS SPRAY ADJUVANT
TOTAL
All ingredients are accepted for use under CFR 40, 186.1001(c).
This product contains organosilicone surfactant.
CAS # 37281-79-0, 9003-11-6

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE INSIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS
U.S. Patent number: 5,104,647 CA Reg. No. 5965-50071-AA
CASN 060303065
NET CONTENTS: 1.1 Gallon (3.785 Liters)
2.5 Gallon (9.46 Liters)

MANUFACTURED BY
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TN 38017

PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION
Avoid contact with formulated product. Do not take internally. Avoid contact with or inhalation of the spray mist. Follow all precautionary statements on the accompanying pesticide label(s).

FIRST AID
IF SWALLOWED:
• Call a poison control center or doctor immediately for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by a poison control center or doctor.
• Do not give anything by mouth to an unconscious or convulsing person.

IF IN EYES:
• Hold eye open and rinse slowly and gently with water for 15-20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
• Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING:
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15-20 minutes.
• Call a poison control center or doctor for further treatment advice.

IF INHALED:
• Move person to fresh air.
• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
• Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-5380 for emergency medical treatment information.

If there is accidental exposure to the spray solution containing pesticides, follow the "Statement of Practical Treatment/First Aid" on the pesticide label.

ENVIRONMENTAL HAZARDS
Do not contaminate water sources by cleaning of equipment or disposal of wastewaters.

GENERAL INFORMATION
DYNE-AMIC® is a proprietary blend of highly effective nonionic organosilicone surfactants and a refined and modified spray oil. It is designed for use with those pesticides or products whose labels recommend the addition of a spray adjuvant to improve coverage.

The addition of DYNE-AMIC® to a spray tank solution will improve a spray application by physically modifying the deposition and wetting characteristics of the spray solution.

DISCLAIMER: Always refer to the label on the product before using Helena or any other product.

the result being a more uniform spray deposit. Although DYNE-AMIC® can affect positively the spray application, optimum application and effect can be affected by, but is not limited to, the pesticide or product, the carrier, crop, pest, spray equipment, spray volume and pressure, droplet size and environmental factors.

DIRECTIONS FOR USE
BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE - LIMITED WARRANTY, AND LIMITATIONS OF LIABILITY AND REMEDIES.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage and disposal.
PESTICIDE STORAGE: Keep container tightly closed. Do not allow water to be introduced to the contents of this container. Do not store near heat or open flame. Do not store with oxidizing agents or ammonium nitrate.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water by runoff from cleaning of equipment, disposal of equipment washwaters or spray waste.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, STAY OUT OF SMOKE.

GENERAL RECOMMENDATIONS
The addition of a spray adjuvant to some pesticide or pesticide tank mix combinations may cause phytotoxicity to the foliage and/or fruit of susceptible crops or plants. Consequently, prior to the use of DYNE-AMIC® in a spray tank mix or prior to the application of a tank mix with a product where a nonionic spray adjuvant is not specifically recommended but not prohibited by the products label, the user or application advisor must have experience with the combination under similar environmental and cultural conditions, or have conducted a phytotoxicity test under these same conditions.

USE: May be applied by Ground, Aerial, CDA or aquatic spray equipment.
Ground, Aquatic: Use 3 – 5 pints per 100 gallons of spray solution.
Aerial, CDA: Use 3 – 5 fl. Oz. in 1 – 5 gallons of spray solution.

NOTE: Some pesticide labels may recommend higher or lower rates of spray adjuvant. When this occurs follow the pesticide label's recommendation.

MIXING

1. Prior to any pesticide application all spray mixing and application equipment must be clean. Carefully observe all cleaning directions on the pesticide label. To prevent or minimize foaming, fill tank to 2 1/2 to 3 1/4 full of water and add an anti-foaming agent such as FOAM BUSTER® to the spray tank before pesticides, nutrients or DYNE-AMIC® are added.
2. Add pesticides and/or fertilizers as directed by label or in the following sequence:
   A. Micronutrients and fertilizers
   B. Dry flowables and dispersible granules
   C. Flowables
   D. Water soluble pesticides
   E. Emulsifiable concentrates
   F. Continue agitation.
3. Continue agitation.
4. Add DYNE-AMIC® and mix for 1 to 2 minutes with lower than normal agitation.
5. Continue stirring tank maintaining minimal agitation.
6. For optimum results, spray mixes containing DYNE-AMIC® should be applied within 36 hours after mixing.

CONDITIONS OF SALE-LIMITED WARRANTY
AND LIMITATIONS OF LIABILITY AND REMEDIES
Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded. The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.
SPECIMEN LABEL

The exclusive remedy against the Company for any cause of action relating to the
handling or use of this product shall be limited to, at Helena Chemical Company's
election, one of the following:
1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used.

To the extent allowed by law, the Company shall not be liable and any and all claims
against the Company are waived for special, indirect, incidental, or consequential
damages or expense of any nature, including, but not limited to, loss of profits or
income. The Company and the seller offer this product and the buyer and user accept
it, subject to the foregoing conditions of sale and limitation of warranty, liability and
remedies.

© Copyright Helena Holding Company, 2005.

DYNE-AMIC® is a registered trademark of Helena Holding Company.

FOAM BUSTER™ is a trademark of Helena Holding Company.

Disclaimer: Always refer to the label on the product before using Helena or any other product.
DYNE-AMIC

MANUFACTURER
HELENA CHEMICAL COMPANY
6075 POPLAR, SUITE 500
MEMPHIS, TN 38119
PHONE: 901-761-0050
OR CHEMTREC: 1-800-424-9000
EFFECTIVE: 01/23/96

I. IDENTIFICATION

Chemical Name: Nonionic organosilicone surfactant.
Chemical Family: Surfactants.
Formula: Not applicable, formulated mixture.
Synonyms: None.
CAS Number: Trade secret.
EPA Registry No.: None required.

II. PHYSICAL DATA

Boiling Point: >300 degrees F
Freezing Point: < -20 degrees F
Specific Gravity: 0.910 g/ml
Vapor Pressure: Not established.
Vapor Density: Nil
Solubility in Water: 100% @ 25 degrees C
Per Cent Volatiles: < .5%
Evaporation Rate: Not applicable.
Melting Point: Not applicable.
Appearance & Odor: Light amber liquid, with mild odor.

III. INGREDIENTS

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>% TLV (UNITS)</th>
<th>HAZARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary blend of polymethylsiloxane modified with nonionic emulsifiers, and methylated vegetable oils</td>
<td>100.00</td>
<td>15</td>
</tr>
</tbody>
</table>

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: >250 degrees F (ICC)
Autoignition Temperature: >750 degrees F
Flammable Limits: Not established.
Extinguishing Media: Alcohol foam, dry chemical and carbon dioxide. Water may be ineffective.
Special Fire Fighting Procedures: Use pressure self-contained breathing apparatus and full fire fighting clothing. Stay upwind and fight fire at a safe distance.
Unusual Fire and Explosion Hazards: Water may be ineffective but should be used to keep fire-exposed containers cool.

V. HEALTH HAZARD

Carcinogenicity Information: None currently known.
Acute Effects of Overexposure
Swallowing: The acute oral LD<sub>50</sub> (rats) = greater than 5050 mg/kg. EPA Category IV.
Skin Absorption: The acute dermal LD<sub>50</sub> (rabbits) = greater than 2000 mg/kg. EPA Category III.
Inhalation: There is no LD<sub>50</sub> for this material since no fatalities occurred at the highest atmospheric concentration achievable in this study.
Skin Contact: May cause slight skin irritation with prolonged or repeated contact. EPA Category IV.
Eye Contact: May cause slight eye irritation with direct contact. EPA Category IV.
Chronic Effects: None currently known.
Other Health Hazards: None currently known.
Emergency and First Aid Procedures
Swallowing: Do not induce vomiting. Obtain medical attention immediately.
Skin: Remove contaminated clothing and wash skin with soap and water. Call a doctor if irritation develops.
Inhalation: Move to fresh air and call a doctor if irritation persists.
Eyes: Flush eyes with water for 15 minutes, holding eyelids open. Immediately call a doctor.

VI. REACTIVITY DATA

Stability: Stable.
Conditions to Avoid: Avoid contact with strong oxidizing agents.
Polymerization: Will not occur.
Conditions to Avoid: None currently known.
Incompatibility Materials: Avoid contact with strong oxidizing agents.
Hazardous Combustion: May produce carbon dioxide and carbon monoxide under fire conditions.

VII. SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled: Dike and absorb spill with an absorbent such as clay, sand, or sawdust. Transfer to suitable containers for proper disposal. Flush spill area with water, absorb and place in same containers with other material.
Waste Disposal Method: This material must be disposed of according to Federal, state, or local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: Use NIOSH/OSHA approved respirator with organic vapor cartridge if vapor mist is present.
Ventilation: Mechanical.
Gloves: Impervious.
Eyes: Splash proof goggles.
Others: Eye wash station, impervious apron and foot wear.

IX. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing: Keep out of reach of children. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams, or ponds.
Other Precautions: A) RCRA Hazardous Waste Number: Not listed.
B) SARA Title III, Section 313: Not listed.
C) SARA Title III, Section 311: Not listed.
D) CERCLA Reportable Quantity: Not listed.
F) 49 CFR 172.101, Appendix B: Not listed.

X. SHIPPING INFORMATION

D.O.T. Data - Proper Shipping Name: Not regulated by DOT, IATA (Air), or IMDG (Water).
Hazard Class: None.
Identification No.: None.
Labels Required: None required.
Placarding: None required.
Freight Classification: Adjuvant, Stabilizer, Liquid, NOIBN.

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating Level: 4 - Extreme 3-High 2-Moderate 1-Slight 0-Normal)
Health: 1 Fire: 1 Reactivity: 0
S.A.R.A. Title III Hazard Classification: (Yes/No)
Immediate (Acute) Health: Y
Delayed (Chronic) Health: N
Sudden Release of Pressure: N
Fire: N
Reactive: N

Helena Chemical believes that the data contained herein is factual. This data is not to be taken as a warranty or representation of legal responsibility. It is offered solely for your consideration, investigation & verification.
Helena
Kinetic®
MOLECULAR ZIPPERING ACTION™ BRAND
A NONIONIC WETTER/SPIREADER/PENETRANT ADJUVANT

ACTIVE INGREDIENTS: (BY WEIGHT)
*Proprietary blend of polyalkyleneoxide modified polydimethylsiloxane and nonionic surfactants: 99.00%
CONSTITUENTS INEFFECTIVE AS SPRAY ADJUVANT: 1.00%
TOTAL: 100.00%
*This product contains organosilicone surfactants.
CASN 100114-07/04
CAL REG. NO. 5995-30087-9
PATENT NO. 5,104,647
MANUFACTURED FOR
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TN 38017

KEEP OUT OF REACH OF CHILDREN
CAUTION
See Inside Booklet for Additional Precautionary Statements

PRECAUTIONARY STATEMENT
BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE—LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES.
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION
Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, clothing, or breathing spray mist.

FIRST AID
IF INHALED:
• Move person to fresh air.
• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
• Call a poison control center or doctor for further treatment advice.
IF SWALLOWED:
• Call a poison control center or doctor immediately for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by a poison control center or doctor.
• Do not give anything by mouth to an unconscious person.
IF IN EYES:
• Hold eye open and rinse slowly and gently with water for 15-20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
• Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15-20 minutes.
• Call a poison control center or doctor for treatment advice.

PERSONAL PROTECTIVE EQUIPMENT
Some materials that are chemical resistant to this product are listed below.
Applicators and other handlers must wear:

Long sleeved shirt and long pants
Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or vinyl
Shoes plus socks
Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage and disposal. Store in original container only. Keep container tightly closed, do not allow water to be introduced into the contents of this container. Do not store near heat or open flame.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate if allowed by state and local authorities, by burning. If burned, stay out of smoke. For help in chemical emergencies involving spill, leak, fire, or exposure call toll free 1-800-424-9300.

GENERAL INFORMATION
KINETIC® is a unique and superior nonionic wetting agent especially effective in post-emergent, non-selective herbicide sprays. KINETIC® allows for the rapid spreading and absorption of herbicides into the plant leaves and stems and is especially effective with water based herbicide formulations. Subject to the cautionary use statements set forth in the Directions for Use, KINETIC® may be used with other pesticide and/or fertilizer products. Optimum application and consequent effects can be influenced by many factors. Consequently, it is recommended that careful observation of the spray deposit be made and adjuvant rates be adjusted accordingly. Applications should be made to insure thorough coverage without excessive runoff of the application spray.

DIRECTIONS FOR USE
WITH PRODUCTS REGISTERED FOR: AGRICULTURAL, AQUATIC, FORESTRY, INDUSTRIAL, NON-CROPLAND, ORNAMENTAL, RIGHTS-OF-WAY, TURF, MUNICIPAL, OTHER USES AND DEEP FEEDING TREES WITH PESTICIDES/FERTILIZERS AND MICRONUTRIENTS

Ground, CDA: For optimum results use 12 ounces to 64 ounces per 100 gallons of spray.
Aerial: Use 32 ounces to 64 ounces per 100 gallons of spray.
Aquatic: Use 8 ounces to 32 ounces per 100 gallons of spray.
General Wetter/Sprayer: Use 6 ounces to 12 ounces per 100 gallons of spray.
KINETIC® is also recommended for use with non-selective herbicides and other pesticides, including those used to desiccate or defoliate. NOTE: Do not use KINETIC® in spray tank mixes with Gibberellic acid or Gibberellic acid products to be used on citrus crops (citrus spp.) grown for fresh market.

The crop and rate guidelines are for use with pesticides whose labels recommend the use of a nonionic surfactant. Some pesticides, however, may require higher or lower surfactant rates for optimum effect. Follow the pesticide label directions when this occurs. Prior to the addition of KINETIC® to spray tank mixes or use with a pesticide or fertilizer where a nonionic adjuvant is not specifically recommended but not prohibited by the manufacturer, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial.

For improved water penetration of hard to wet soils and the uniform distribution of applied materials:
Lawn and Turf: Use KINETIC® at 0.05%-0.125% v/v concentration.
Greens and Turf: Use KINETIC® at 0.05%-0.125% v/v concentration.
Deep Feeding Trees: Use KINETIC® at 0.10%-0.20% v/v concentration.
Applications of KINETIC® through irrigation injection systems are provided.

CONDITIONS OF SALE—LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES
Read the Conditions of Sale—Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual climatic conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the “Company”) or seller. In addition, failure to follow label directions may cause
injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

Copyright © Helena Chemical Company, 2004

Kinetec® is a registered trademark of Helena Chemical Company.

Disclaimer: Always refer to the label on the product before using Helena or any other product.  

VID 7.20.04
KINETIC
Helena Chemical Company
PH: 1-800-781-0050
CHEMTREC: 1-800-424-9300
Effective Date: 01-23-00
Product: KINETIC

I. IDENTIFICATION
Chemical Name: MIXTURE OF SURFACTANTS
Chemical Family: NONIONIC SURFACTANTS
Formula: NOT APPLICABLE, FORMULATED MIXTURE
Synonyms: NONE
CAS Number: NOT APPLICABLE, FORMULATED MIXTURE
EPA Number: NONE REQUIRED

II. PHYSICAL DATA
Boiling Point: >150 DEGREES C.
Freezing Point: < -35 DEGREES F.
Spec Gravity: 1.030 GD/CC
Vapor Pressure: < 1 MM HG
Vapor Density: > 1
Solubility: DISPERSIBLE
Voilates: < 0.1
Evaporation: < 1
Meling Point: NOT APPLICABLE
Appearance: CLEAR, VISCOS LIQUID, SURFACTANT ODOR.

III. INGREDIENTS

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS Number</th>
<th>Percent</th>
<th>TLV Hazard</th>
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</thead>
<tbody>
<tr>
<td>PROPRIETARY</td>
<td>100.00</td>
<td>15</td>
<td>MILD SKIN BURN, INFLAMMABLE</td>
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<tr>
<td>BLEND OF POLY-ALKYLENEDICONE</td>
<td>MG/MG &amp; EYE</td>
<td>MODIFIED POLYVINYL SILK, AND NONIONIC SURFACTANT</td>
<td>INERT</td>
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<tr>
<td>NOTE THIS PRODUCT CONTAINS ORGANOSILICONE SURFACTANTS</td>
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</tbody>
</table>

IV. FIRE AND EXPLOSION HAZARD
Flash Point: 240 DEGREES F. (P.MCC)
Autoignition Temp: NOT DETERMINED
Flammable Limit: NOT DETERMINED
Extinguishing Media: USE ALCOHOL TYPE OR UNIVERSAL TYPE FOAM FOR LARGE FIRES. USE CARBON DIOXIDE OR DRY CHEMICAL FOR SMALL FIRES.
Special Fire Fighting Proc: USE SELF-CONTAINED BREATHING APPARATUS AND AVOID BREATHING FUMES. AVOID SPRAYING A SLOW STREAM OF WATER OR FOAM DIRECTLY INTO A POOL OF HOT, BURNING LIQUID. THIS MAY CAUSE FROTHING.
Fire and Expl Hazard: NONE NOTED.

V. HEALTH HAZARD
Carcinogen Information: NONE CURRENTLY KNOWN.
ACUTE EFFECTS OF OVER EXPOSURE
Swallowing: SLIGHTLY TOXIC. ORAL LD50 (RAT) 3,343 MG/KG. INGESTION MAY CAUSE NAUSEA, ABDOMINAL DISCOMFORT, VOMITING AND DIARRHEA.
Skin Absorption: DERMAL LD50 (RABBIT) > 2,000 MG/KG. NO TOXIC EFFECTS EXPECTED DUE TO SKIN ABSORPTION BASED ON CURRENTLY KNOWN INFORMATION.
Inhalation: THERE IS NO LC50 FOR THIS MATERIAL SINCE NO FATALITIES OCCURRED AT THE HIGHEST ATMOSPHERIC CONCENTRATION ACHIEVABLE IN THIS STUDY.
Skin Contact: MAY CAUSE A SLIGHT SKIN IRRITATION FOLLOWED BY PROLONGED CONTACT WITH THIS MATERIAL.
Eye Contact: MAY CAUSE MILD EYE IRRITATION FOLLOWED BY PROLONGED CONTACT WITH THIS MATERIAL.
Chronic Effects: ACTIVITY DECREASE, NASAL DISCHARGE, POLYUROYA, RESPIRATORY GURGLE AND SALIVATION.
Other Hazard: NONE CURRENTLY KNOWN.

VI. REACTIVITY
Stability: Stable
Conditions to Avoid: NONE NOTED.
Polymerization: Will Not Occur
Conditions to Avoid: NONE NOTED.
Incompatibility material: NONE NOTED.
Hazardous Combustion: BURNING CAN PRODUCE CARBON DIOXIDE, CARBON MONOXIDE, AND OXIDES OF SILICON.

VII. SPILL OR LEAK PROCEDURES
Spill or Leak Proc: HOPE OFF CONTAMINATED AREA, COVER SPILL WITH AN ABSORBENT, SUCH AS CLAY, SAND, OR SAWDUST. PLACE IN RECOVERY DRUMS FOR PROPER DISPOSAL. WEAR PROPERLY FITTED, CHLORINATED DISPOSABLE GLOVES. USE WITH ADEQUATE VENTILATION. SHOWER AND BATH AFTER EXPOSURE.

VIII. SPECIAL PROTECTION INFORMATION
Respiration: NONE REQUIRED UNDER NORMAL CONDITIONS.
Ventilation: GENERAL (MECHANICAL) ROOM VENTILATION IS REQUIRED TO SATISFY EXHAUST.
Gloves: IMPERVIOUS (PVC-COATED)
Eyes: MONOCRYSTALS
Other: EMERGENCY SHOWER, EYE WASH STATION, PROTECTIVE APRON AND FOOTWEAR.

IX. SPECIAL PRECAUTIONS
Special precaution: KEEP OUT OF REACH OF CHILDREN. DO NOT STORE WITH FOOD, FEED, OR OTHER MATERIAL TO BE DANGEROUS CONSUMED BY HUMANS OR ANIMALS. DO NOT CONTAMINATE WATER SUPPLIES, LAKES, STREAMS, OR PONDS WITH RINSATE FROM CONTAINERS OR EQUIPMENT. DO NOT GET IN EYES. AVOID CONTACT WITH SKIN AND CLOTHING. AVOID BREATHING VAPORS. KEEP CONTAINER CLOSED. USE WITH ADEQUATE VENTILATION. SHOWER AND BATH AFTER EXPOSURE.


X. SHIPPING INFORMATION
Shipping name: NOT REGULATED BY DOT, IATA (AIR), OR IMDG (WATER)
Hazard Class: NONE
Identification No: NONE
Labels Required: NONE REQUIRED
Placarding: NONE REQUIRED
Freight Class: ADJUVANT, SPREADER OR STICKER, LIQUID, NOIBN

Chemical Name: Equivalent R.Q.
NOT APPLICABLE: NOT APPLICABLE

XI. GENERAL PRODUCT INFORMATION
National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)
Health: 2
Fire: 1
Reactivity: 0
S.A.R.A. Title III Hazard Classification: (Yes/No)
Immediate (Acute) Health: Y
Delayed (Chronic) Health: N
Sudden Release of pressure: N
Fire: N
Reactive: N

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
Helena Chemical Company believes that the data contained herein is factual. This data is not to be taken as a warranty or representation of legal responsibility. It is offered solely for your consideration, investigation and verification.

VII.8.4.03
Principal Functioning Agents:
Lechitin, methyl esters of fatty acids,  
And alcohol ethoxylate ..............................100%  
TOTAL..................................................100%
CA Reg No 34704-50030  
WA Reg No 34704-04008

KEEP OUT OF REACH OF CHILDREN  
CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear chemical resistant gloves.

First Aid: If in Eyes: Flush with water for 15 minutes, then get medical attention. If on Skin: Remove contaminated clothing. Wash with soap and water. Get medical attention if irritation develops. If Swallowed: Call a physician immediately. Drink two (2) glasses of water. Induce vomiting. If Inhaled: Remove victim to fresh air; apply artificial respiration if necessary.

General: LIBERATE is a non-ionic, low foam penetrating surfactant. LIBERATE may be used as a surfactant to enhance the activity and effectiveness of agricultural and industrial chemicals. LIBERATE provides more uniform coverage of spray solutions and aids in penetration. LIBERATE improves deposition and retards drift by producing a more uniform spray pattern. The degree of drift hazard varies with the type of pesticide and application conditions. Common sense and sound application technology must be followed when spraying pesticides. LIBERATE will retard, but not eliminate drift. LIBERATE is compatible with most pesticide formulations including water-soluble, flowable and wettable powders. For tank mix compatibility concerns, conduct a jar test of the proposed mixture to ensure compatibility of all components. Mix components in the same ratio as the proposed tank mix. Application may be by ground or air.

Directions for Use: LIBERATE may be used on and has demonstrated excellent plant safety on a wide variety of crops including fruits, tree fruits, vegetables, row crops, citrus, small grains, forage crops, vine crops (do not use on grape foliage) and others. LIBERATE may be used in a variety of non-crop sites including Aquatic (wetlands), Forestry, (site preparation and release), Industrial (storage areas, plant sites, and other similar areas including governmental and private lands), Grasslands (including pastures, rangeland and fence rows), Rights-of-ways (utility, railroad and roadides), Turf (Golf Courses, parks, and Sod farms), Ornamentals (container, field or greenhouse) and other turf, ornamental and landscaping sites. Some pesticides have stated adjuvant use rates. In all cases, the pesticide manufacturer’s label should be consulted regarding specific adjuvant use recommendations and that rate followed. Do not add adjuvant at a level that would exceed 5% of the finished spray volume unless otherwise specified by the pesticide label.

General Use:
Herbicides (Terrestrial or Aquatic), Defoliants,  
Desiccants: 1 to 4 pints per 100 gallons of spray mixture when used as a penetrant.  
Insecticides, Fungicides, Acuricides, Plant Growth Regulators, Foliar Nutrients: ½ to 2 pints per 100 gallons of spray mixture.  
Drift Reduction: 1 to 2 quarts per 100 gallons of spray mixture.  
Non Crop Sites: 1 to 8 pints per 100 gallons (1 to 6 fluid ounces per 5 gallons) of spray mixture.  
Turf and Ornamentals: ½ to 2 pints per 100 gallons (1/2 to 2-1/2 fluid ounces per 5 gallons) of spray mixture.  
Note: This product has demonstrated excellent plant safety; however, not all species and varieties of plants have been tested. Before treating a large area, test on a small area and observe prior to full-scale application. Do not use on grape foliage.  
Environmental Hazards: Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

Storage: Store in a cool, dry place. Store in original container. Keep tightly closed. Do not reuse empty container. Product will become thicker at cold temperatures but effectiveness of the product will not be affected. Warm product before use.  
Disposal: Do not contaminate water, food or feed by storage or disposal. Wastes may be disposed of on-site or at an approved waste disposal facility. Triple rinse (or equivalent) adding rinse water to spray tank. Offer container for recycling or dispose of container in sanitary landfill, or by other procedures approved by appropriate authorities. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC)
operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at www.acrecycle.org.

WARRANTY DISCLAIMER AND NOTICE

THE DIRECTIONS FOR USE OF THIS PRODUCT ARE BELIEVED TO BE ADEQUATE AND SHOULD BE FOLLOWED CAREFULLY. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT DUE TO SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OR ABSENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF LOVELAND PRODUCTS, INC., THE MANUFACTURER OR SELLER.

THE PRODUCTS SOLD TO YOU ARE FURNISHED "AS IS" BY LOVELAND PRODUCTS, INC., THE MANUFACTURER OR SELLER, AND ARE SUBJECT ONLY TO THE MANUFACTURER'S WARRANTIES, IF ANY, WHICH APPEAR ON THE LABELS TO THE PRODUCTS SOLD TO YOU. EXCEPT AS EXPRESSLY PROVIDED HEREIN, LOVELAND PRODUCTS, INC., THE MANUFACTURER OR SELLER MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD OR USE OF THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. EXCEPT AS EXPRESSLY STATED HEREIN, LOVELAND PRODUCTS, INC., THE MANUFACTURER OR SELLER MAKES NO WARRANTY OF RESULTS TO BE OBTAINED BY USE OF THE PRODUCT. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND LOVELAND PRODUCTS, INC.'S, THE MANUFACTURER'S OR SELLER'S TOTAL LIABILITY, SHALL BE LIMITED TO DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT. NO AGENT OR EMPLOYEE OF LOVELAND PRODUCTS, INC. OR SELLER IS AUTHORIZED TO AMEND THE TERMS OF THIS WARRANTY DISCLAIMER OR THE PRODUCT'S LABEL OR TO MAKE A REPRESENTATION OR RECOMMENDATION DIFFERENT FROM OR INCONSISTENT WITH THE LABEL OF THIS PRODUCT.

IN NO EVENT SHALL LOVELAND PRODUCTS, INC., THE MANUFACTURER OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES AND THE BUYER AND USER WAIVE ANY RIGHT THEY MAY HAVE TO SUCH DAMAGES.

Loveland Products, Inc.
PO Box 1286 • Greeley, CO 80632-1286
(970) 356-4400

This specimen label is intended for use only as a guide in providing general information regarding the directions, warning and cautions associated with the use of this product. As with any product, always follow the label instructions on the package before using.
1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

FORMULATED FOR:

Loveland Products, Inc.
P.O. Box 1286 - Greeley, CO 80632-1286

24-Hour Emergency Phone: 1-800-424-9300
Medical Emergencies: 1-800-301-7976
U.S. Coast Guard National Response Center: 1-800-424-8802

PRODUCT NAME: LIBERATE®
CHEMICAL NAME: Lecithin, methyl esters of fatty acids, and alcohol ethoxylate
CHEMICAL FAMILY: Surfactant Mixture
CALIF. REG. NO.: 34704-50030
WASH. REG. NO.: 34704-04008
MSDS Number: LIB-04-LPI

MSDS Revisions: New
Date Of Issue: 05/04/04
Supersedes: New

2. HAZARDS IDENTIFICATION SUMMARY

KEEP OUT OF REACH OF CHILDREN – CAUTION – Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear chemical-resistant gloves.

This product is brown liquid with a bland odor.

3. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients: Percentage by Weight: CAS No. TLV (Units)
Lecithin, methyl esters of fatty acids, and Alcohol ethoxylate 100.00 Mixture 34388-01-1 none established none established

4. FIRST AID MEASURES

If in Eyes: Flush with water for 15 minutes, then get medical attention.
If on Skin: Remove contaminated clothing. Wash with soap and water. Get medical attention if irritation develops.
If Swallowed: Call a physician immediately. Drink two (2) glasses of water. Induce vomiting.
If Inhaled: Remove victim to fresh air; apply artificial respiration if necessary.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method): >212°F / >100°C (TCC)
FLAMMABLE LIMITS (LFL & UFL): Not established
EXTINGUISHING MEDIA: Carbon dioxide (CO2), dry chemical or water spray.
HAZARDOUS COMBUSTION PRODUCTS: None known.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and full protective gear.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Dike area to contain run-off and prevent contamination of water supplies.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Wear appropriate personal protective equipment (refer to Section 8) when responding to spills. Shut off source of leak if safe to do so. Dike and contain spill. Soak up residue with absorbent such as clay, sand or other suitable material and dispose of properly. Flush area with water to remove trace residue. Contain runoff from residue flush and dispose of properly. Place in container for proper disposal. Check local, state and federal regulations for proper disposal.
CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE

HANDLING:
Wear impervious gloves when handling. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Use with adequate ventilation.

STORAGE:
Store in a cool, dry place. Store in original container. Keep tightly closed. Do not reuse empty container. Product will become thicker at cold temperatures. Warm product before use. Keep out of reach of children. Do not contaminate water, food or feed by storage or disposal.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Work in well-ventilated area. Local ventilation may be required if working in confined spaces.

RESPIRATORY PROTECTION: Wear a NIOSH approved respirator for pesticides if necessary.

EYE PROTECTION: Chemical goggles or shielded safety glasses.

SKIN PROTECTION: Wear long sleeved shirt, long pants, and shoes with socks. Wear impervious rubber or chemical-resistant gloves.

For product OSHA PEL 8 hr TWA ACGIH TLV-TWA
not established not established

PAGE 1 OF 3
PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Brown liquid with mild odor
SPECIFIC GRAVITY (Water 1): 0.976 g/ml
VAPOR PRESSURE: Not established
PERCENT VOLATILE (by volume): Not established
Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

SOLUBILITY: Emulsifies
PH: 6.8 (1% solution)

STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: None known.
INCOMPATIBILITY: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide from burning.
HAZARDOUS POLYMERIZATION: Will not occur.

TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀ (rat): >5000 mg/kg
Eye Irritation (rabbit): Not an irritant
Inhalation LC₅₀ (rat): Not established
Carcinogenic Potential: None listed by OSHA, NTP, IARC, and ACGIH as a carcinogen

Acute Dermal LD₅₀ (rat): >2000 mg/kg
Skin Irritation (rabbit): Moderate irritant
Skin Sensitivity (guinea pig): Not a sensitizer

ECOLOGICAL INFORMATION

Acute Toxicity
Rainbow Trout - 96 HR LC₅₀: 17.6 mg/L
Daphnia Magna - 48 HR EC₅₀: 9.3 mg/L
NOEC: 12.5 mg/L
NOEC: 7.5 mg/L

Do not contaminate water when cleaning equipment or disposing of equipment wash waters.

DISPOSAL CONSIDERATIONS

Do not reuse product containers. Triple rinse (or equivalent), adding rinse water to spray tank, then offer for recycling at an ACRC site (go to http://www.acrecycle.org/ for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food or feed by storage or disposal.

TRANSPORT INFORMATION

DOT Shipping Description: NOT REGULATED BY USDOT.
Freight Classification: ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60)
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

REGULATORY INFORMATION

NFPA & HMIS Hazards and Ratings:

<table>
<thead>
<tr>
<th>NFPA</th>
<th>HMIS</th>
</tr>
</thead>
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<tr>
<td>1 Health</td>
<td>1 Health</td>
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<tr>
<td>0 Flammability</td>
<td>0 Flammability</td>
</tr>
<tr>
<td>0 Instability</td>
<td>0 Reactivity</td>
</tr>
<tr>
<td>3 High</td>
<td>H PPE</td>
</tr>
<tr>
<td>4 Severe</td>
<td></td>
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</table>

SARA, Title III, Section 313:
- TSCA: Not listed
- ADR/RID: Not listed
- SARA: Not listed
- Section 313: Not listed
- RCRA Waste Code: Not listed
- CA Proposition 65: Not listed

Reportable quantity (Rₚ) under U.S. CERCLA: Not listed

PAGE 2 OF 3
Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct, Loveland Products, Inc., the manufacturer or the seller makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving it will make their own determination as to its suitability for their purposes prior to use.

The product covered by this information sheet is furnished "as is" by Loveland Products, Inc., the manufacturer or the seller, and is subject only to the warranties, if any, that appear on the product's label or are otherwise expressly provided herein.

Except as expressly provided on the product's label or otherwise provided herein, no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, are made by Loveland Products, Inc., the manufacturer or the seller with regard to the product or use of the product, including, but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage.

Except as expressly stated herein, Loveland Products, Inc., the manufacturer or the seller makes no warranty of results to be obtained by use of the product covered by this information. Buyer's or user's exclusive remedy, and the total liability of Loveland Products, Inc., the manufacturer or the seller, shall be limited to damages not exceeding the cost of the product. No agent or employee of Loveland Products, Inc., the manufacturer or the seller is authorized to amend the terms of this warranty disclaimer or the product's label or to make a representation or recommendation different from or inconsistent with the label of this product.

IN NO EVENT SHALL LOVELAND PRODUCTS, INC., THE MANUFACTURER OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES AND THE BUYER AND USER WAIVE ANY RIGHT THEY MAY HAVE TO SUCH DAMAGES.