

MATERIAL SAFETY DATA SHEET  
(MSDS)

106

ITEM NUMBER: 08657

VERSION 1 EFFECTIVE DATE: 11/18/03 SUPERCEDES: 00/00/00

PREPARED BY: Regulatory Compliance

Section(s) Revised: New product

IDENTITY (As Used On Label and List): WILD BERRY ODOR COUNTERACTANT

Emergency Medical Telephone Number 1-800/836-8855 (24 HRS) Outside the U.S.A. Call 952-852-4646

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**SECTION I**

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**PRO-LINK**

**Canton, MA 02021**

**TELEPHONE NUMBER FOR INFORMATION: 1-800-74LINKS**

**DATE PRINTED: 3/1/05**

**NAME OF PREPARER: REGULATORY COMPLIANCE**

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**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

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**EXPOSURE LIMITS**

<b>HAZARDOUS COMPONENTS</b>	<b>OSHA PEL</b>	<b>ACGIH</b>	<b>OTHER</b>	<b>%</b>	<b>CAS NO</b>
Acetone	750 ppm	750 ppm	N/A	65-70	67-64-1
Diethylene Glycol Monoethyl Ether	NE	NE	N/A	1-5	111-90-0
Pentane	600 ppm	600 ppm	N/A	1-5	109-66-0
Propane	1000 ppm	NE	N/A	20-25	74-98-6

**Abbreviations**

NE: None established, N/A: Not applicable, \*: ACGIH "STEL" Guidelines, ND: Not Determined, STEL: Short Term Exposure Limits, !: Exxon/Mobil exposure limits for total Hydrocarbon

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**SECTION III - PHYSICAL CHARACTERISTICS**

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BOILING POINT: ND	VAPOR PRESSURE (mmHg or psig @ 70°F): 70 +/- 5 psig
VAPOR DENSITY (AIR=1): Heavier than	VAPOR PRESSURE (mmHg or psig @ 130°F): 140 +/- 5 psig
SPECIFIC GRAVITY (H <sub>2</sub> O=1): 0.80-0.82	SOLUBILITY IN WATER % BY WT.: Negligible
VOC CONTENT % BY WT.: 29.49%	EVAPORATION RATE (Butyl Acetate = 1): Faster than

APPEARANCE AND ODOR: Clear liquid, with a mulberry scent

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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

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**FLASH POINT:** Not Determined **FLAMMABLE LIMITS:** UEL 23.5 % LEL 1.2 %

**EXTINGUISHING MEDIUM:** AS APPROPRIATE FOR COMBUSTIBLES IN AREA.

**FIRE AND EXPLOSION HAZARD DATA**

**SPECIAL FIREFIGHTING PROCEDURES:** Wear self-contained breathing apparatus when fighting fires containing or around this product. Shut off all sources of ignition, if possible. Keep exposed containers cool with water spray to prevent rupture. Evacuate all non-trained personnel. Wear full protective clothing, including helmet. Ventilate area. Contain spill and dike, if possible. For leaks or spills water spray can be used to disperse any flammable vapors that may become concentrated or form in poorly ventilated areas and to protect personnel attempting to stop the leak.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Firefighters should wear SCBA's in a positive pressure mode with full face shield. Vapors are heavier than air and may travel long distances and accumulate in low areas or spread along ground from handling site. Eliminate all sources of ignition. Never use welding or cutting torch on or near this product because even just residue can ignite explosively.

\*\*\*\*\* SECTION V - REACTIVITY DATA

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**STABILITY:** Stable, avoid open flames, welding arcs or other high temperature sources which induce thermal decomposition and direct sunlight.

**INCOMPATIBILITY:** Avoid contact with: excessive heat, strong alkalies, strong oxidizing agents, nitric acid, acetic acid, and sulfuric acid.

\*\*\*\*\* SECTION VI - HEALTH HAZARD DATA

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**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, and carbon monoxide.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**EFFECTS OF OVER EXPOSURE**

**EYE CONTACT:** May cause moderate eye irritation which may be slow to heal. May cause moderate corneal injury. Vapors may irritate eyes. Symptoms may include stinging, tearing, and redness.

**SKIN CONTACT:** Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, may cause drying and flaking of skin. May cause allergic skin reaction in susceptible individuals.

**SKIN ABSORPTION:** A single prolonged skin exposure is not likely to result in harmful amounts.

**INGESTION:** Single dose oral toxicity is low. Aspiration of the material into the lungs can cause chemical pneumonitis which can be fatal. If aspirated, it may be rapidly absorbed through the lungs and result in injury to other body systems.

**INHALATION:** High aerosol concentrations of this material are irritating to the eyes and the respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

**SYSTEMIC AND OTHER EFFECTS:**

**HUMAN SYSTEMIC EFFECTS BY INGESTION AND INHALATION:** None known.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYE CONTACT:** Flush with large amounts of water, occasionally lifting upper and lower eyelids. If irritation occurs get medical attention.

**SKIN CONTACT:** Thoroughly wash exposed area with soap and water. Remove contaminated clothing and launder it before reuse. Should any irritation persist, get medical attention.

**INHALATION:** If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get immediate medical attention.

**INGESTION:** Ingestion is not considered a potential route of exposure as an aerosol but, if swallowed, **do not induce vomiting**. Call a physician or transport to an emergency facility.

\*\*\*\*\* SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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**ACTION TO TAKE FOR SPILLS/LEAKS:** Ventilate area-especially low places where heavy vapors might collect. Extinguish all ignition sources. For small spills/leaks mop, wipe, or soak up on an inorganic material immediately. Remove to vent hood or outside. For large spills/leaks evacuate area, contain spill (dike area), and transfer contained liquid to a DOT approved container for disposal. Keep out of water supply. Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personnel protective equipment.

**WASTE DISPOSAL METHOD:** When disposing of unused contents, the preferred options are to send to licensed reclaimers or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local laws and regulations. Do not dump into sewers, on the ground, or into any body of water.

\*\*\*\*\* SECTION VIII - EMPLOYEE PROTECTION

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Store in tightly sealed containers. Keep away from heat, sparks & open flame. Do not get in eyes, on skin or clothing. Do not breathe vapor, mist or gas. Do not store or transfer to an unmarked container. Do not throw empty containers in trash compactor. Do not store in direct sun. Store containers below 120°F. Read label before using.

**RESPIRATORY PROTECTION (SPECIFY TYPE):** If workplace exposure limit(s) of product or any component is exceeded (see Section two), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.

**VENTILATION:** Control airborne concentrations below the exposure limits in section two. Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations. Lethal concentrations may exist in areas with poor ventilation.

**PROTECTIVE GLOVES:** For brief contact, no precautions should be needed. When prolonged or frequently repeated contact could occur, use protective gloves such as; polyvinyl alcohol or polyethylene.

**EYE PROTECTION:** Chemical splash goggles in compliance with OSHA regulations are advised; OSHA regulations also permit other type of safety glasses (consult your safety equipment supplier)

**OTHER PROTECTIVE EQUIPMENT:** To prevent repeated or prolonged skin contact, use protective clothing impervious to this product. Selection of specific items such as gloves, boots, apron, or full body suit will depend on operation.

**\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\* SECTION IX-OTHER REGULATORY CONTROLS \*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\***

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III:**

**CHEMICAL CAS NUMBER CONCENTRATION %**

None Listed

**FEDERAL EPA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA)** requires the notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4.

**CHEMICAL CAS NUMBER CONCENTRATION % UPPER BOUND RQs IN #**

None Listed

**CALIFORNIA PROPOSITION 65** None listed

**MASSACHUSETTS RIGHT TO KNOW:** Yes

Acetone	67-64-1	65-70
Pentane	109-66-0	1-5
Propane	74-98-6	20-25

**PENNSYLVANIA RIGHT TO KNOW:** Yes

Acetone	67-64-1	65-70
Pentane	109-66-0	1-5
Propane	74-98-6	20-25

**NEW JERSEY RIGHT TO KNOW:** Yes

Acetone	67-64-1	65-70
Pentane	109-66-0	1-5
Propane	74-98-6	20-25

**TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:** Listed

**CALIFORNIA VOC'S:** 29.49%

**NFPA RATING AS AN AEROSOL:** Level Three

**HMIS:** Health 2 Flammability 3 Reactivity 0

**\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\* SECTION X-TRANSPORTATION (D.O.T. CLASSIFICATION) \*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\***

**Information not available.**

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