SHOW DOWN PLUS

SECTION I

HARVARD CHEMICAL RESEARCH
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Date: 10/19/05
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HEALTH	1	0=Least 1=Slight 2=Moderate 3=High 4=Extreme
FLAMMABILITY	0	
REACTIVITY	0	

SECTION II HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS	CAS#	%	OSHA / PEL	ACGIH / TLV	OTHER / STEL	SK

Hazardous Chemicals Under OSHA Hazard Communication Standard: This product contains the substance listed below which is identified as a hazardous chemical under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200): Surfactant, 510%. The specific chemical identity is withheld because it is trade secret information of Monsanto Company.
EPA REG. NO 524-370-61524
NOTE: AN '*' UNDER 'SK' (SKIN) INDICATES THAT OSHA REQUIRES SKIN PROTECTION TO PREVENT OR REDUCE EXPOSURE TO THIS INGREDIENT.

SECTION III -PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212° F
Vapor Pressure (mm Hg): 25-30 mm/Hg
Vapor Density (Air=1): < 1
Solubility in Water: Complete
Appearance and odor :Clear, viscous, amber colored liquid, slight amine odor.
Specific Gravity (H20=1): 1.07
Melting Point: N/A
Evaporation Rate:(Butyl Acetate=1) >1

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A
Flammable Limits:LEL: N/A UEL: N/A
Extinguishing Media: Material will not support combustion. Use media suitable to control the surrounding fire.
Special Fire Fighting Procedures: Containers involved in a fire may be cooled by applying flooding quantities of water from as far a distance away as possible. Use appropriate personal protection equipment. Do not breathe fumes, vapors, smoke or combustion products.
Explosion Hazards: Excessive heat may cause containers to melt or rupture. Avoid contact with spilled or leaking material.

SECTION V-REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Mix, store or apply this product ONLY in stainless steel, aluminum, fiberglass, plastic and plasticlined steel containers. DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL CONTAINERS OR SPRAY TANKS). Use of this product in such containers could result in the formation of an explosive hydrogen gas mixture which could flash or explode if ignited by open flames or any other ignition sources.
Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide, and unidentified organic compounds may be formed during combustion.
Hazardous Polymerization: Will not occur.

SECTION VI-HEALTH HAZARD DATA

Effects of Exposure: Dermal contact and inhalation are expected to be the primary routed of occupational exposure to this herbicide. Occupational exposure to this herbicide has not been reported to cause significant adverse health effects. However, this material is considered to be a moderate eye irritant. Ingestion of a similar, but more concentrated product has been reported to produce gastrointestinal discomfort, nausea, vomiting and diarrhea.
Toxicological Data: Data from studies indicate the following:
Herbicide:
Oral LD_{50} (Rat): >5,000 mg/kg, Practically Nontoxic / Dermal Oral LD50 (, (Rabbit): >5,000 mg/kg, Practically Nontoxic
Eye Irritation (Rabbit, 24-hr): Moderately Irritating- moderate to severe conjunctival irritation with minor iridial changes. Most animals were free of ocular irritation within 7 days.
Skin Irritation (Rabbit, 4-hr): Slightly Irritating very slight erythema. All animals were free of dermal irritation within 3 days.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled: Observe all protective and safety precautions when cleaning up spills.
Liquid spills on floor or other impervious surfaces should be contained or diked and should be absorbed with attapulgite, bentonite or other absorbent clays. Collect contaminated absorbent, place in plastic lined metal drums and dispose of in accordance with instructions provided under DISPOSAL. Thoroughly scrub floor or other impervious surfaces with a strong industrial type detergent solution and rinse with water.
Liquid spills that soak into the ground should be dug-up, placed in plastic lined metal drums and disposed of in accordance with instructions provided under DISPOSAL.
Leaking containers should be separated from non-leakers and either the container or its contents transferred to a plastic lined drum or other non-leaking container and dispose of in accordance with instructions provided under DISPOSAL. Any recovered spilled liquid should be similarly collected and disposed of.
Do not contaminate water, foodstuffs, seed or feed by storage or disposal.
DISPOSAL: Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, State or Local procedures.
Emptied container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.
Do not reuse container. Triple rinse container then, 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.

SECTION VIII-CONTROL MEASURES

Respiratory Protection (Specify Type): To avoid breathing spray mist.
Ventilation: Local Exhaust Fresh air
Protective Gloves: Rubber Eye Protection: Glasses
Other Protective Clothing or Equipment: To avoid wetting skin and eyes
Work/Hygienic Practices: Do not eat, smoke or drink when using this product. Wash hands after use. Avoid contamination of food. Clean spray equipment thoroughly before using it with any other product.

SECTION IX-ADDITIONAL INFORMATION

Reportable Quantity (RQ)
Under U.S. CERCLA: Not applicable
SARA Hazard Notification
Hazard Categories Under Criteria of SARA Title III
Rules (40 CFR Part 370): Immediate
Section 313 Toxic Chemicals: Not Applicable