

SECTION 3 - HAZARDS IDENTIFICATION

CONTENTS MAY BE HARMFUL OR FATAL. CONTENTS UNDER PRESSURE! MAY ENTER LUNGS AND CAUSE DAMAGE. May cause skin irritation. May cause eye irritation. Inhalation of vapors or mists of this product may be irritating to the respiratory system. May be harmful if swallowed. EXTREMELY FLAMMABLE AEROSOL

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes moderate to severe eye irritation. Moderately irritating to the eyes.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. Prolonged inhalation may be harmful. INHALING LARGE QUANTITIES OF MIST OR VAPORS MAY CAUSE SOME IRRITATION TO NOSE, THROAT, LUNGS. Gross overexposure may cause: Central nervous system depression with dizziness, confusion, incoordination, drowsiness or unconsciousness. Irregular heart beat with a strange sensation in the chest, "heart thumping", apprehension, lightheadedness, feeling of fainting, dizziness, weakness, sometimes progressing to loss of consciousness and death. Suffocation, if air is displaced by vapors. Exposure to high doses may cause central nervous system depression (anesthetic-like effects). Doses which cause anesthetic-like effects may also cause adverse effects in liver, lungs, and kidneys.

EFFECTS OF OVEREXPOSURE - INGESTION: Ingestion is not considered to be a hazard encountered in normal industrial use. This material may be harmful or fatal if swallowed. Aspiration hazard. Depression of the central nervous system can occur.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure may cause nervous system damage. Overexposure may cause lung damage. Repeated contact with skin may irritate pre-existing skin conditions.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT SKIN ABSORPTION INHALATION
INGESTION EYE CONTACT

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT: Holding eyelids open, flush eyes with running water for 5 minutes. Remove contact lenses if wearing and flush open eyes with running water for at least 15 minutes. Seek medical attention.

FIRST AID - SKIN CONTACT: Wash with soap and large amounts of water. Remove contaminated clothing. Get medical attention if irritation develops

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SECTION 4 - FIRST AID MEASURES

or persists. Wash contaminated clothing before re-use.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do NOT induce vomiting. Call physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: -141 F
(PENSKY-MARTENS C.C.)

LOWER EXPLOSIVE LIMIT: 1.8 %
UPPER EXPLOSIVE LIMIT: 16.0 %

AUTOIGNITION TEMPERATURE: ND

EXTINGUISHING MEDIA: ALCOHOL FOAM CO2 DRY CHEMICAL WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may form explosive mixture with air. Vapors can travel to a source of ignition and flash back. Extremely Flammable. Material will readily ignite at room temperatures in the presence of an ignition source. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Contents under pressure. Containers may explode if exposed to high temperatures.

SPECIAL FIREFIGHTING PROCEDURES: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Keep containers and surroundings cool with water spray. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use recommended personal protective equipment. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Do not flush into surface water or sanitary sewer system.

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SECTION 7 - HANDLING AND STORAGE

AEROSOL LEVEL: 3

HANDLING: Wash thoroughly after handling. Ensure all equipment is electrically grounded before beginning transfer operations. Use only in well-ventilated area.

STORAGE: Keep away from heat, sparks and flame. Keep from freezing. Keep container closed when not in use. KEEP OUT OF THE REACH OF CHILDREN! Do not store above 120F (49C). Do not spray into open flame or near other sources of ignition. Do not store in direct sunlight, puncture, crush or incinerate container.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Use explosion-proof ventilation equipment.

RESPIRATORY PROTECTION: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Impervious gloves should be used.

EYE PROTECTION: Wear safety glasses with side shields or goggles when using this product.

OTHER PROTECTIVE EQUIPMENT: STANDARD INDUSTRIAL CLOTHING STANDARDS SHOULD BE FOLLOWED.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES
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BOILING RANGE	: -23 - 334 F	VAPOR DENSITY	: Is heavier than air
ODOR	: SOLVENT	ODOR THRESHOLD	: ND
APPEARANCE	: CLEAR	EVAPORATION RATE:	Is faster than Butyl Acetate
SOLUBILITY IN H2O	: NEGLIGIBLE	SPECIFIC GRAVITY:	0.7600
FREEZE POINT	: ND	pH @ 0.0 %	: NA
VAPOR PRESSURE	: ND	VISCOSITY	: ND
PHYSICAL STATE	: AEROSOL	COEFFICIENT OF WATER/OIL DISTRIBUTION:	ND
VOLATILE ORGANIC COMPOUNDS (VOCS): 0.71 lbs/gal, 85 grams/ltr			

VOC, % (wt): 19.46%

(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: ALL SOURCES OF IGNITION, WELDING ARCS, AND OPEN FLAMES.

INCOMPATIBILITY: MAY REACT WITH OXYGEN AND STRONG OXIDIZING AGENTS SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC. AVOID CONTACT WITH STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, carbon dioxide, smoke, fumes.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

PRODUCT LD50: 4000 mg/kg

PRODUCT LC50: >16000 ppm

COMPONENT TOXICOLOGICAL INFORMATION:

----- CHEMICAL NAME -----	----- LD50 -----	----- LC50 -----
2-PROPANONE	5800 MG/KG/RAT	50100 MG/M3/8H/RAT
METHYL ACETATE	6970 MG/KG/RAT	>16000 PPM/4H/RAT
PROPANE/ISOBUTANE/N-BUTANE	NE	NE
4-HYDROXY-4-METHYL-2-PENTANONE	4000 MG/KG/RAT	100000 MG/M3/RAT

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SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: CONSUMER COMMODITY

DOT TECHNICAL NAME:

DOT HAZARD CLASS: ORM-D

HAZARD SUBCLASS:

DOT UN/NA NUMBER:

PACKING GROUP:

RESP. GUIDE PAGE:

DOT EXEMPTIONS:

DOT SPECIAL INSTRUCTIONS:

IMDG SHIPPING INFORMATION: UN1950

IMDG PROPER SHIPPING NAME: AEROSOLS

IMDG TECHNICAL NAME:

IMDG HAZARD CLASS: 2.1

HAZARD SUBCLASS:

PACKING GROUP:

FLASH POINT, C: -96.4

IMDG EXEMPTIONS: LIMITED QUANTITY

IMDG SPECIAL INSTRUCTIONS:

MARINE POLLUTANT (YES/NO): N

IATA SHIPPING INFORMATION: UN1950

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SECTION 14 - TRANSPORTATION INFORMATION

IATA PROPER SHIPPING NAME: AEROSOLS, FLAMMABLE

IATA TECHNICAL NAME:

IATA HAZARD CLASS: 2.1

HAZARD SUBCLASS:

PACKING GROUP:

IATA EXEMPTIONS: LIMITED QUANTITY

IATA SPECIAL INSTRUCTIONS:

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD PRESSURIZED
GAS HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME ----- CAS NUMBER WT/WT % IS LESS THAN
No SARA Section 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

----- CHEMICAL NAME -----	CAS NUMBER
METHYL ACETATE	79-20-9
4-HYDROXY-4-METHYL-2-PENTANONE	123-42-2

U.S. STATE REGULATIONS: AS FOLLOWS -

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SECTION 15 - REGULATORY INFORMATION

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME ----- CAS NUMBER

No non-hazardous materials are among the top five ingredients.

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME ----- CAS NUMBER

No non-hazardous ingredients are present at greater than 3%.

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

----- CHEMICAL NAME ----- CAS NUMBER

No Proposition 65 chemicals exist in this product.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: A, B5, D2B

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 2 FLAMMABILITY: 4 REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 12/16/10

REASON FOR REVISION: NEW PRODUCT

LEGEND: N.A. - Not Applicable, N.E. - Not Established,
N.D. - Not Determined

*** THIS MSDS IS NOT FOR REPRODUCTION OR DISTRIBUTION ***

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

<END OF MSDS>