

MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD 29CFR-1910.1200 AND OSHA FORM 174
NFPA RATING: HEALTH-2 FLAMMABILITY-3 REACTIVITY-0 SPECIAL-0
HMIS RATING: HEALTH-2 FLAMMABILITY-3 REACTIVITY-0 PERSONAL PROTECTION-B
MANUFACTURED FOR: DOT HAZARD CLASSIFICATION: ORM-D
IDENTITY (TRADE NAME AS USED ON LABEL)

WEB

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DATE PREPARED: 01-15-05 BY: VMB
EMERGENCY: 800-424-9300 CHEMTREC

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (HAZARDOUS COMPONENTS 1% OR GREATER, CARCINOGENS 0.1% OR GREATER)	CAS NUMBER	SARA III LIST	OSHA PEL PPM	ACGIH TLV PPM	CARCINOGEN REFERENCE SOURCE
ACETONE	67-64-1	NO	1000	750	D
ISOBUTANE/PROPANE BLEND	75-28-5 74-98-6	NO NO	800 1000	800 1000	D D
HEPTANE	14285-5	YES	50	50	D

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT N/A
VAPOR PRESSURE PSIG @ 70 DEG. F AEROSOLS MAX 70
VAPOR DENSITY AIR=1 N/E
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND ODOR: Yellow with Hexane/Acetone Odor
SPECIFIC GRAVITY H2O=1 CONCENTRATE ONLY = 0.79
VAPOR PRESSURE NON AEROSOLS mmHg temp N/A
EVAPORATION RATE (=1) N/E
WATER REACTIVE: NO

SECTION 3 - FIRE & EXPLOSION HAZARD DATA

FLAMMABILITY AS PER USA FLAME PROJECTON TEST-AEROSOLS: EXTREMELY-FLAMMABLE AUTO IGNITION TEMP: N/E
FLAMMABILITY LIMITS IN AIR BY % IN VOLUME: N/E %LEL: N/E %UEL: N/E
FLASH POINT & METHOD USED (NON AEROSOLS) N/A EXTINGUISHING MEDIA: FOAM DRY CHEMICAL, CARBON DIOXIDE
UNUSUAL FIRE & EXPLOSION HAZARDS: DO NOT EXPOSE AEROSOLS TO TEMPERATURES ABOVE 130 DEG. F OR CONTAINER MAY BURST

SECTION 4 - REACTIVITY HAZARD DATA

STABLE (x) UNSTABLE () HAZARDOUS POLYMERIZATION () WILL OCCUR (x) WILL NOT OCCUR
INCOMPATIBILITY (MAT. TO AVOID) STRONG OXIDIZING AGENTS
CONDITIONS TO AVOID: OPEN FLAME, WELDING ARCS, HEAT
HAZARDOUS COMPOSITION PRODUCTS: CO, CO₂

SECTION 5 - HEALTH HAZARD

PRIMARY ROUTES OF ENTRY: (X) INHALATION () INGESTION () SKIN ABSORPTION () EYE () NOT HAZARDOUS
ACUTE EFFECTS:
INHALATION: EXCESSIVE INHALATION OF VAPORS CAN BE HARMFUL AND CAUSE HEADACHE, DIZZINESS, ASPHYXIA, ANESTHETIC EFFECTS AND POSSIBLE UNCONSCIOUSNESS.
EYE CONTACT: IRRITATION SKIN CONTACT: IRRITATION
INGESTION: UNLIKELY ROUTE OF EXPOSURE. POSSIBLE CHEMICAL PNEUMONIA IF ASPIRATED INTO LUNGS.
CHRONIC EFFECTS: (EFFECTS DUE TO EXCESSIVE EXPOSURE TO THE RAW MATERIALS OF THIS MIXTURE) MAY CAUSE KIDNEY AND LUNG DAMAGE. CARDIAC AND LIVER ABNORMALITIES.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: MAY AGGRAVATE EXISTING EYE, SKIN OR UPPER RESPIRATORY CONDITIONS.
EMERGENCY FIRST AID PROCEDURES
EYE CONTACT: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATED, SEEK MEDICAL ATTENTION
SKIN CONTACT: WASH AFFECTED AREA WITH SOAP AND WATER. IF IRRITATED SEEK MEDICAL ATTENTION
INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NECESSARY. GET MEDICAL ATTENTION IMMEDIATELY!
INGESTION: DO NOT INDUCE VOMITING. DRINK 2 LARGE GLASSES WATER. GET IMMEDIATE MEDICAL ATTENTION

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): IF VAPOR CONCENTRATION EXCEEDS TLV, USE RESPIRATOR APPROVED BY NIOSH/MSHA FOR ORGANIC VAPOR IMPARTICULATES.
PROTECTIVE GLOVES: NEOPRENE GLOVES
EYE PROTECTION: SAFETY GLASSES RECOMMENDED
VENTILATION REQUIREMENTS: ADEQUATE VENTILATION TO KEEP VAPOR CONCENTRATION BELOW TLV
OTHER PROTECTIVE CLOTHING AND EQUIPMENT: NONE
HYGIENIC WORK PRACTICES: WASH WITH SOAP AND WATER BEFORE HANDLING FOOD. REMOVE CONTAMINATED CLOTHING.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: ABSORB WITH SUITABLE MEDIUM. INCINERATE OR LANDFILL ACCORDING TO LOCAL, STATE OR FEDERAL REGULATIONS. PREVENT FROM ENTERING DRAINS OR SEWERS.
WASTE DISPOSAL METHODS: AEROSOL CANS WHEN VENTED TO ATMOSPHERIC PRESSURE THROUGH NORMAL USE, POSE NO DISPOSAL HAZARD.
PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: DO NOT PUNCTURE OR INCINERATE CONTAINERS. DO NOT STORE AT TEMPERATURES ABOVE 130 DEGREES F.
OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: KEEP OUT OF REACH OF CHILDREN. AVOID FOOD CONTAMINATION. AVOID BREATHING VAPORS. *WE BELIEVE THE STATEMENTS, TECHNICAL INFORMATION & RECOMMENDATIONS CONTAINED HEREIN ARE RELIABLE, BUT THEY ARE GIVEN WITHOUT ANY WARRANTY OR GUARANTEES OF ANY KIND.

*CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN (A) NTP (B) IARC MONOGRAPH (C) OSHA (D) NOT LISTED (E) ANIMALS ONLY.