
SECTION V - REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: High temperatures, sources of ignition.

Do not use in areas with poor ventilation.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA

*****Note: This product is a blend of materials which has not been tested as a mixture. The health effect data is based on the individual components.*****

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

NAPHTHAS/ALIPHATIC SOLVENTS: Vapors or aerosol mists are central nervous system (CNS) depressant and a mild irritation of the eye and upper respiratory tract. Narcotic in high concentration. High concentrations can cause unconsciousness which may go to coma, difficult breathing and bluish tint to the skin.

ACETONE: Vapors are irritating and may cause a stinging and itching sensation in the eyes, nose and throat, coughing, excessive blinking, tear production, nausea and possibly vomiting. High vapor concentrations may result in dryness of mouth and throat, headache, dizziness, incoordination and eventually unconsciousness or, in extreme cases, coma.

AROMATIC HYDROCARBONS: Excessive inhalation of vapors can cause nasal and respiratory irritation, central nervous system effects including dizziness, weakness, fatigue, headaches, nausea, possible unconsciousness and even death.

EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

NAPHTHAS/ALIPHATIC SOLVENTS: Contact could cause eye irritation.

Contact with eyes can cause severe irritation, redness, tearing and blurred vision.

ACETONE: Causes severe irritation, seen as marked excess redness and swelling of the membrane lining the eye and the inside of the eyelid, and immediate pain. Injury to the cornea may occur if the eye is not flushed with water immediately.

AROMATIC HYDROCARBONS: Can cause severe irritation, redness, tearing and blurred vision.

SKIN CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

NAPHTHAS/ALIPHATIC SOLVENTS: Can irritate skin on contact, causing a rash or irritation.

ACETONE: Causes skin irritation. Prolonged or repeated contact may cause defatting, drying and cracking of the skin.

AROMATIC HYDROCARBONS: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

NAPHTHAS/ALIPHATIC SOLVENTS: Will permeate the skin and cause systemic disease. In the case of Stoddard solvent, bone marrow damage and liver damage have occurred.

ACETONE: Skin absorption can occur, however, inhalation is the primary route of exposure.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

If vomiting occurs do not allow vomitus to be breathed into the lungs. Even small quantities may cause chemical pneumonia and fluid in the lungs (pulmonary edema) which may result in hemorrhage (bleeding) and may be fatal.

Ingestion of aerosol mist unlikely. Swallowing of liquid may result in nausea and vomiting.

NAPHTHAS/ALIPHATIC SOLVENTS: These solvents are not particularly toxic by ingesting, but will cause gastrointestinal disturbance and there is a risk of aspiration of the liquid into the lungs if vomiting takes place.

ACETONE: Toxic by ingestion. Causes nausea, vomiting, headache, dizziness, unconsciousness, coma, kidney damage and metabolic changes.

AROMATIC HYDROCARBONS: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Breathing of material into the lungs can cause chemical pneumonitis which can be fatal.

CHRONIC HEALTH RISKS:

NAPHTHAS/ALIPHATIC SOLVENTS: Repeated or prolonged exposure can cause dryness and cracking of skin. Chronic exposure will induce symptoms of central nervous system depression, neurobehavioral disorders, and encephalopathy with associated loss of memory. In the case of Stoddard solvent, bone marrow and liver damage have been reported as a result of the persistent practice of cleaning hands with the solvent.

Prolonged or repeated exposure to solvents may cause permanent brain and nervous system damage, including memory loss and impairment of coordination and reaction time. May cause toxic brain disease (encephalopathy), associated with brain tissue death. May cause liver and kidney damage. Inhaling concentrated vapors is harmful and may be fatal.

ACETONE: In industry, the primary reported effects have been skin irritation resulting from its defatting action and headaches from prolonged inhalation. Chronic overexposure may lead to kidney or eye damage.

CARCINOGENICITY:

NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No
Not known to contain any ingredients recognized as carcinogens by the National Toxicology Program (NTP), the International Agency for Cancer Research (IARC) or the Occupational Safety and Health Administration (OSHA).

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Exposure for employees with a history of certain medical conditions such as skin, liver, kidney, eye, chronic respiratory, central and peripheral nervous system disease may have an increased risk from exposure to this material.

ACETONE: May enhance the toxicity on the kidneys of other solvents in mixed solvent systems.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with large quantities for water for 15 minutes lifting eyelids occasionally. Get medical attention if irritation persists.

SKIN: Wash thoroughly with soap and water. Remove contaminated clothing. Wash clothing before reuse.

INGESTION: If conscious drink a quart of water and get medical attention. Do not induce vomiting!! Call a physician or poison control center immediately 1(800)452-7165.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use absorbent material to collect spill. Scoop into a container and dispose of according to local regulations.
In the event of a large transportation related spill or emergency call CHEMTREC at 1(800)424-9300.

WASTE DISPOSAL METHOD: Dispose of waste according to Federal, State, and local regulations. Do not put used container into incinerator, wood stove, or home trash compactor.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: EXTREMELY FLAMMABLE LIQUID AND VAPORS! Keep clear of all sources of ignition. Do not store at temperature greater than 120 deg. F. Contents under pressure. Exposure to sunlight may cause bursting. Do not puncture or incinerate. Avoid prolonged exposure to sunlight.

OTHER PRECAUTIONS: Contents under pressure. Exposure to heat may cause bursting. Do not puncture or incinerate (burn). Avoid prolonged exposure to sunlight.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: If ventilation is not adequate to reduce vapors below regulatory limits, use a self-contained (air supplied) positive pressure breathing apparatus, or a NIOSH approved air purifying respirator (APR) equipped with organic vapor cartridges (black striped cartridge). Failure to use proper respiratory protection may be harmful or fatal.

User must be properly trained and fitted to assure effective protection. Follow all manufacturers recommendations for use of filter.

WARNING: Do not use an APR if oxygen level is below 19.5% by volume.

VENTILATION: Good general ventilation should be sufficient for most conditions. Use local exhaust if necessary to control mist or vapor.

PROTECTIVE GLOVES: Use gloves impervious to liquid.

EYE PROTECTION: Goggles or approved safety glasses should be worn. DO NOT wear contact lenses when working with chemicals. Contact lenses can trap chemical next to eye which may increase eye damage.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None known.

WORK/HYGIENIC PRACTICES: In handling any chemicals, personal hygiene is extremely important. Always wash your hands and face before eating or when done handling or using this product. Keep food and drink out of work areas. Some items such as cigarettes or gum readily absorb solvent vapors and may increase your overall exposure to this product.

SECTION IX - REGULATORY INFORMATION

SARA 313 / 40 CFR 372: % / WT

1,2,4-TRIMETHYLBENZENE 000095-63-6 4

CLEAN AIR ACT AMENDMENT SECTION 112 (HAPS): % / WT

. This product contains no reportable materials at or above normal reporting levels.

DOT SHIPPING INFORMATION (GROUND): Does not apply.
DOT SHIPPING INFORMATION (LIMITED QUANTITIES/GROUND): Consumer Commodity, ORM-D

IATA SHIPPING DESCRIPTION (AIR SHIPMENTS): Consumer commodity, Class 9, ID 8000.

IMDG SHIPPING DESCRIPTION (WATERWAYS SHIPMENTS): Aerosols, Class 2.1, UN1950, Limited Quantity. Flashpoint -93 C.

OSHA CLASSIFICATION: Flammable Liquid - Class IA.
CLEAN AIR ACT - OZONE DEPLETING CHEMICALS: Not known to contain or be manufactured with Class 1 or Class 2 Ozone Depleting Chemicals (ODC's).

RoHS DIRECTIVE: This product complies with the RoHS (Regulation of Hazardous Substances) Directive.

SECTION X - DISCLAIMER

The above information is based on current information available to Roofmaster and is believed to be accurate but is not warranted.