

SKIN: CAUSES SKIN IRRITATION. MAY CAUSE IRRITATION AND DERMATITIS. MAY CAUSE CYANOSIS OF THE EXTREMITIES.

FLAMMABILITY: 2
REACTIVITY: 0
SPECIAL: -

SECTION 4. FIRST-AID MEASURES

INGESTION: GET MEDICAL AID. DO NOT INDUCE VOMITING. IF CONSCIOUS AND ALERT, RINSE MOUTH AND DRINK 2-4 CUPFULS OF MILK OR WATER.

INHALATION EXPOSURE: REMOVE FROM EXPOSURE TO FRESH AIR IMMEDIATELY. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL AID.

DERMAL EXPOSURE: GET MEDICAL AID. FLUSH SKIN WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE REUSE.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT: 49 C

FIRE POTENTIAL HIGHLY FLAMMABLE: WILL BE EASILY IGNITED BY HEAT, SPARKS OR FLAMES.

HAZARDS VAPORS MAY FORM EXPLOSIVE MIXTURES WITH AIR. VAPORS MAY TRAVEL TO SOURCE OF IGNITION AND FLASH BACK. MOST VAPORS ARE HEAVIER THAN AIR. THEY WILL SPREAD ALONG GROUND AND COLLECT IN LOW OR CONFINED AREAS (SEWERS, BASEMENTS, TANKS). VAPOR EXPLOSION HAZARD INDOORS, OUTDOORS OR IN SEWERS.

COMBUSTION PRODUCTS FIRE MAY PRODUCE IRRITATING, CORROSIVE AND/OR TOXIC GASES.

FIREFIGHTING: WEAR A SELF-CONTAINED BREATHING APPARATUS IN PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT), AND FULL PROTECTIVE GEAR. VAPORS MAY FORM AN EXPLOSIVE MIXTURE WITH AIR. VAPORS CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. DURING A FIRE, IRRITATING AND HIGHLY TOXIC GASES MAY BE GENERATED BY THERMAL DECOMPOSITION OR COMBUSTION. WILL BURN IF INVOLVED IN A FIRE. USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL. CONTAINERS MAY EXPLODE IN THE HEAT OF A FIRE. FLAMMABLE LIQUID. VAPORS MAY BE HEAVIER THAN AIR. THEY CAN SPREAD ALONG THE GROUND AND COLLECT IN LOW OR CONFINED AREAS. EXTINGUISHING MEDIA: FOR SMALL FIRES, USE DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR ALCOHOL-RESISTANT FOAM. FOR LARGE FIRES, USE WATER SPRAY, FOG, OR ALCOHOL-RESISTANT FOAM. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS. WATER MAY BE INEFFECTIVE. DO NOT USE STRAIGHT STREAMS OF WATER.

SMALL SPILLS/LEAKS:

ABSORB SPILL WITH INERT MATERIAL, (E.G., DRY SAND OR EARTH), THEN PLACE INTO A CHEMICAL WASTE CONTAINER. AVOID RUNOFF INTO STORM SEWERS AND DITCHES WHICH LEAD TO WATERWAYS. CLEAN UP SPILLS IMMEDIATELY, USING THE APPROPRIATE PROTECTIVE EQUIPMENT. REMOVE ALL SOURCES OF IGNITION. USE A SPARK-PROOF TOOL. PROVIDE VENTILATION. A VAPOR SUPPRESSING FOAM MAY BE USED TO REDUCE VAPORS.

HANDLING:

REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. USE WITH ADEQUATE VENTILATION. GROUND AND BOND CONTAINERS WHEN TRANSFERRING MATERIAL. USE SPARK-PROOF TOOLS AND EXPLOSION PROOF EQUIPMENT. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. EMPTY CONTAINERS RETAIN PRODUCT RESIDUE, (LIQUID AND/OR VAPOR), AND CAN BE DANGEROUS. KEEP CONTAINER TIGHTLY CLOSED. AVOID CONTACT WITH HEAT, SPARKS AND FLAME. AVOID INGESTION AND INHALATION. WASH CLOTHING BEFORE REUSE. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE EMPTY CONTAINERS TO HEAT, SPARKS OR OPEN FLAMES.

STORAGE:

KEEP AWAY FROM HEAT, SPARKS, AND FLAME. KEEP AWAY FROM SOURCES OF IGNITION. STORE IN A TIGHTLY CLOSED CONTAINER. STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM INCOMPATIBLE SUBSTANCES. FLAMMABLES-AREA.

GENERAL HYGIENE
MEASURES:

WASH THOROUGHLY AFTER HANDLING.

PERSONAL PROTECTIVE
EQUIPMENT:

EYES: WEAR APPROPRIATE PROTECTIVE EYEGLASSES OR CHEMICAL SAFETY GOGGLES AS DESCRIBED BY OSHA'S EYE AND FACE PROTECTION REGULATIONS IN 29 CFR 1910.133 OR EUROPEAN STANDARD EN166.
SKIN: WEAR APPROPRIATE PROTECTIVE GLOVES TO PREVENT SKIN EXPOSURE. CLOTHING: WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN EXPOSURE.

RESPIRATORS

A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA'S 29 CFR 1910.134 AND ANSI Z88.2 REQUIREMENTS OR EUROPEAN STANDARD EN 149 MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE.

APPEARANCE:

Colorless liquid

VAPOR DENSITY:

4.56 (AIR=1)

SG/DENSITY: 1.060 G/CM³
BOILING POINT: 70-76 °C @ 16mm
FREEZING / MELTING POINT: NOT AVAILABLE
SOLUBILITY: SOLUBLE

SECTION 10. STABILITY AND REACTIVITY

STABILITY: STABLE AT ROOM TEMPERATURE IN CLOSED CONTAINERS UNDER NORMAL STORAGE AND HANDLING CONDITIONS.
POSSIBLE DECOMPOSITION PRODUCTS: CARBON MONOXIDE, IRRITATING AND TOXIC FUMES AND GASES, CARBON DIOXIDE.
INCOMPATIBILITIES: OXIDIZING AGENTS.

SECTION 11. TOXICOLOGICAL INFORMATION

ROUTE OF EXPOSURE

SKIN: CAUSES SKIN IRRITATION. MAY CAUSE IRRITATION AND DERMATITIS. MAY CAUSE CYANOSIS OF THE EXTREMITIES.
INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION WITH NAUSEA, VOMITING AND DIARRHEA. THE TOXICOLOGICAL PROPERTIES OF THIS SUBSTANCE HAVE NOT BEEN FULLY INVESTIGATED. INGESTION OF LARGE AMOUNTS MAY CAUSE CNS DEPRESSION.
INHALATION: CAUSES RESPIRATORY TRACT IRRITATION. THE TOXICOLOGICAL PROPERTIES OF THIS SUBSTANCE HAVE NOT BEEN FULLY INVESTIGATED. ASPIRATION MAY LEAD TO PULMONARY EDEMA. VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION. MAY CAUSE BURNING SENSATION IN THE CHEST.

SECTION 12. ECOLOGICAL INFORMATION

NO DATA AVAILABLE.

SECTION 13. DISPOSAL CONSIDERATIONS

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION: CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL. BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER BUT EXERT EXTRA CARE IN IGNITING AS THIS MATERIAL IS HIGHLY FLAMMABLE. OBSERVE ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

