

Snyder Manufacturing Corporation Material Safety Data Sheet
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SECTION I - PRODUCT IDENTIFICATION

TRADE NAME: Radiator Degreaser PRODUCT CODE: L-11
 CHEMICAL NAME: Petroleum distillate CAS #: 8052-41-3, 64742-52-5
 DOT HAZARD CLASS: No Hazard Class DATE: May 21, 2009
 DOT SHIPPING NAME: Petroleum Distillates, N.O.S.,
 Combustible Liquid, UN1268
 III, Guide 27

SECTION II - COMPONENT INFORMATION

HAZARDOUS INGREDIENTS	%	CAS #	TLV (UNITS)	PEL
Aliphatic Petroleum distillates	>50	8052-41-3	100 ppm	100 ppm
Ethylene Glycol Monobutyl Ether skin	> 5	111-76-2	25 ppm skin	25 ppm
Nonylphenol Polyethoxylate	>10	9016-45-9	ND	ND

SECTION III - PHYSICAL DATA

BOILING POINT : (F) >334° SOLUBILITY: None pH: N/A
 PERCENT VOLATILE: 70 VAPOR DENSITY: 4.9 SPECIFIC GRAVITY: .806
 VAPOR PRESSURE: >2.0 @69° F
 EVAPORATION RATE (BUTYL ACETATE = 1) : >70.00
 APPEARANCE & ODOR: Thin no color liquid with petrochemical odor.

SECTION IV - FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT: 155° F (COC)
 FLAMMABLE LIMITS: N/A LOWER: N/A UPPER: >1.0%
 FIRE/EXPLOSION HAZARDS: None
 EXTINGUISHING MEDIA: Foam, CO2, dry chemical
 FIRE FIGHTING PROCEDURES: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Fire fighters should wear self contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

SECTION V - HEALTH HAZARD INFORMATION

PERMISSIBLE EXPOSURE LEVEL: 100ppm
 EYES: Can cause severe, irritation, redness, tearing, or blurred vision.
 SKIN: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.
 INHALATION: Excessive inhalation of vapors can cause nasal and respiratory irritation, central nervous system effects including dizziness, weakness, fatigue, nausea, headache, and possible unconsciousness, and even death.
 INGESTION: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of the material into the lungs can cause chemical pneumonitis which can be fatal.
 THIS MATERIAL IS NOT LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA
 HMIS HAZARD CLASS: Health = 1 Flammability = 2 Reactivity = 0 Other = NA
 Ranking: 0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme

FIRST AID

EYE CONTACT: Flush with water for 15 minutes lifting eyelids. Get medical attention immediately
 SKIN CONTACT: Thoroughly wash exposed area with soap and water. Remove and launder contaminated clothing before use.
 INHALATION: Remove victim to fresh air. If breathing is difficult, administer oxygen. Administer artificial respiration if breathing ceases. Get medical attention immediately. Keep person warm, and quiet.
 INGESTION: Do not induce vomiting. Keep person warm and quiet. Get medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.

SECTION VI - REACTIVITY INFORMATION

STABILITY: Stable

REACTIVITY: None will occur

HAZARDOUS DECOMPOSITION INGREDIENTS: May form toxic materials, carbon dioxide, carbon monoxide and various hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VII - SPILL, LEAK AND DISPOSAL PROCEDURES

SMALL SPILLS: Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area. Stop spill at source, dike area of spill, pump liquid to salvage tank. Remaining liquid can be taken up with sand, earth, floor absorbent, or other absorbent material and shoveled into containers. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify authorities that a spill has occurred. Dispose of in accordance with federal, state, and local regulations.

LARGE SPILLS: Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area. Stop spill at source, dike area of spill, pump liquid to salvage tank. Remaining liquid can be taken up with sand, earth, floor absorbent, or other absorbent material and shoveled into containers. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify authorities that a spill has occurred. Dispose of in accordance with federal, state, and local regulations.

DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

SECTION VIII - SPECIAL PROTECTIVE EQUIPMENT

EYE AND FACIAL: Wear chemical splash goggles.

SKIN: Nitrile rubber gloves.

RESPIRATORY: If workplace exposure limits occur, a NIOSH/MSHA approved respirator should be provided in absence of proper environmental control.

VENTILATION: provide sufficient mechanical ventilation to maintain TLV below exposure level.

OTHER: To prevent continuous exposure to skin wear protective and impervious clothing and boots.

SECTION IX - SPECIAL PRECAUTIONS

STORAGE: Avoid storing near open flame.

HANDLING: Avoid strong oxidizers

LEGEND: ND, Not Determined; N/A Not Applicable; NA, Not Available.

NOTICE

All information appearing herein is based upon data obtained from chemical manufacturers and or recognized technical sources. While the information is believed to be accurate, Snyder Manufacturing Corporation makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Snyder Manufacturing Corporation's control and therefore users are responsible for and assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process