

SAFETY DATA SHEET

radiator rust preventive



SECTION 1. PRODUCT INFORMATION

Product Name: radiator rust preventive

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS Number	% (by weight)
ALIPHATIC PETROLEUM DISTILLATES	64742-53-6	13.1
SODIUM PETROLEUM SULFONATE		3.6
NONYLPHENOL POLYETHOXYLATE	9016-45-9	1.1

SECTION 3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye

May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

Skin

May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns.

Swallowing

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

Inhalation

Breathing of vapor or mist is possible.

Symptoms of Exposure

stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways).

Target Organ Effects

No data

Developmental Information

No data

Cancer Information

No data

Other Health Effects

No data

Primary Route(s) of Entry

Skin contact.

SECTION 4. FIRST AID MEASURES

Eyes: If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

Skin:Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Swallowing:Do not induce vomiting. This material is an aspiration hazard. If individual is drowsy or unconscious, place on left side with the head down. Seek medical attention. If possible, do not leave individual unattended.

Inhalation: First aid is not applicable.

Note to Physicians: No data

SECTION 5. FIRE FIGHTING MEASURES

Flash Point:0 F (-17.7 C)

Explosive Limit: (for component) Lower .9 %

Autoignition Temperature:No data

Hazardous Products of Combustion:May form: carbon dioxide and carbon monoxide.

Fire and Explosion Hazards:No data

Extinguishing Media:regular foam, alcohol foam, water fog.

Fire Fighting Instructions:No special precautions necessary when fighting fires involving this product.

NFPA Rating:Health - 0, Flammability - 1, Reactivity - 0

SECTION 6. ACCIDENTAL RELEASE MEASURES

Small Spill

Absorb liquid on vermiculite, floor absorbent, or other absorbent material and transfer to hood.

Large Spill

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

SECTION 7 HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Storage

Not applicable

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Not required under normal conditions of use.

Skin Protection: Not normally required., Other protective equipment: not required under normal conditions of use..

Respiratory Protections: Not required under normal conditions of use.

Engineering Controls: Not required under normal conditions of use.

Exposure Guidelines

Component

ALIPHATIC PETROLEUM DISTILLATES (64742-53-6)

No exposure limits established

SODIUM PETROLEUM SULFONATE

No exposure limits established

NONYLPHENOL POLYETHOXYLATE (9016-45-9)

No exposure limits established

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point

(for component) 212.0 F (100.0 C) @ 760 mmHg

Vapor Pressure

(for component) 17.500 mmHg @ 68.00 F

Specific Vapor Density

> 1.000 @ AIR=1

Specific Gravity

.987 @ 77.00 F

Liquid Density

8.210 lbs/gal @ 77.00 F

.987 kg/l @ 25.00 C

Percent Volatiles (Including Water)

70.0 - 85.0 %

Evaporation Rate

SLOWER THAN ETHYL ETHER

Appearance

UNIFORM

State

LIQUID

Physical Form

No data

Color

OFF WHITE

Odor

No data

pH

9.1 - 9.3

SECTION 10. STABILITY AND REACTIVITY

Hazardous Polymerization

Product will not undergo hazardous polymerization.

Hazardous Decomposition

May form: carbon dioxide and carbon monoxide.

Chemical Stability

Stable.

Incompatibility

Avoid contact with: strong oxidizing agents.

SECTION 11. TOXICOLOGICAL INFORMATION

No data

SECTION 12. ECOLOGICAL INFORMATION

No data

SECTION 13. DISPOSAL CONSIDERATION

Waste Management Information

Contaminated absorbent may be deposited in a landfill in accordance with local, state and federal regulations.

SECTION 14. TRANSPORTATION INFORMATION

DOT Information - 49 CFR 172.101

DOT Description:

Not Regulated

Container/Mode:

CASES/SURFACE - NO EXCEPTIONS

NOS Component:

None

RQ (Reportable Quantity) - 49 CFR 172.101

Not applicable

SECTION 15. REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (UNITED STATES) The intentional ingredients of this product are listed.

CERCLA RQ - 40 CFR 302.4

None

SARA 302 Components - 40 CFR 355 Appendix A

None

Section 311/312 Hazard Class - 40 CFR 370.2

Immediate(X) Delayed() Fire() Reactive() Sudden
Release of Pressure()

SARA 313 Components - 40 CFR 372.65

None

International Regulations

Inventory Status

Not determined

State and Local Regulations

California Proposition 65

None

*****End of MSDS*****

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