MATERIAL SAFETY DATA SHEET



WS-5050

SECTION 1 Product and Company Information

Product identifier Rustlick WS-5050

Product use Heavy-duty water-soluble oil

Manufacturer ITW ROCOL North America

3624 West Lake Avenue Glenview, Illinois 60026

1-800-452-5823

Emergency info CHEMTREC, 1-800-424-9300

SECTION 2 Hazards Identification

Emergency overview No hazards resulting from the material supplied.

HMIS rating

Health 1
Flammability 1
Reactivity 0
Personal B
protection

Routes of entry Skin, eyes, respiratory tract, digestive system.

Potential short-term health effects

Skin May cause mild irritation.

Eyes May cause mild irritation.

Inhalation May cause irritation to nose and throat. Inhalation of vapors or mist may cause

headache, dizziness, and drowsiness.

Ingestion Harmful if swallowed, may cause nausea and vomiting. Ingesting large

quantities may cause injury or death.

Potential long-term health effects

Not known

SECTION 3 Chemical Composition/Hazardous Ingredients

Ingredients	CAS#	OSHA/PEL (TWA)	ACGIH/TLV (TWA)
Hydrotreated heavy naphthenic distillates	64742-52-5		5 mg/m ³
2-(2-aminoethoxy)ethanol	929-06-6		
Chlorinated paraffin	61788-76-9		

^{*} Exact chemical identities and percentages are withheld as trade secrets provided under 29CFR.1910.1200.

SECTION 4 First Aid Measures

Skin contact Immediately wash the exposed area thoroughly with soap and water. Remove

contaminated clothing. Wash before reuse. If irritation persists, consult

physician.

Eye contact In case of contact, immediately flush with water for at least 15 minutes. If

irritation persists, consult physician.

Inhalation If inhaled, move to fresh air. If irritation persists, consult physician.

Ingestion If swallowed, DO NOT induce vomiting. Contact a physician immediately. If

vomiting occurs, keep head below hips to prevent aspiration of liquid into the

lungs.

SECTION 5 Fire Fighting Measures

Flammable limits Not available

Products of combustion Oxides of carbon (CO, CO₂).

Auto-ignition temperature Not available

Explosion data

Flash point (method)

Sensitivity to mechanical impact None known
Sensitivity to static discharge None known

> 200°F (93°C) (PMCC)

Fire-fighting media and instructions

In case of fire use carbon dioxide, dry chemicals, or foam.

Special fire-fighting procedures/equipment

Self contained breathing apparatus and protective clothing is recommended to protect fire fighters from any hazardous combustion or decomposition products. Pressure build-up in the closed container may occur due to heat exposure.

SECTION 6 Accidental Release Measures

Personal precautions Use appropriate safety equipment. Avoid inhaling vapors or mist. Avoid contact

with eyes, skin and clothing.

Environmental precautions Do not allow spilled product to enter drains, sewers, or waterways.

Cleanup Ventilate area. Eliminate all sources of heat and flame. Stop leak if safe to do

so. Contain spill. Use absorbent material, such as vermiculite or sand. Place in

suitable container for later disposal.

Prohibited materials None

SECTION 7 Handling and Storage

Handling Use appropriate safety equipment. Use with adequate ventilation. Avoid

contact with eyes, skin and clothing. Keep away from extreme heat. Keep

container closed when not in use.

Storage Store away from extreme heat, flame, or ignition sources. Pressure build up

may occur due to heat exposure or temperature change. Release pressure by

slowly opening container.

SECTION 8 Exposure Controls and Personal Protection

Hygiene measures Avoid contact with eyes, skin and clothing. Do not eat, drink, or smoke while

handling this product.

Control measures General ventilation should be sufficient. Providing approved respirators for

emergencies, or when mist/vapor concentrations are unknown may be

warranted. Availability of eye wash station, washing facilities and safety shower

is recommended.

Personal protection

Skin Wear suitable gloves; chemical resistant gloves, such as polyvinyl chloride-

> coated, are recommended. Wear protective clothing suitable to prevent contact. Remove contaminated clothing and launder before wearing.

Eyes Safety glasses are recommended.

Respiratory Not normally required. Control vapor or mist concentrations below exposure

limits through use of general or local exhaust ventilation.





SECTION 9 Physical and Chemical Properties

Physical state Liquid

Color Dark blue

Odor Characteristic

pH at 10% 9.5

212°F (100°C) **Boiling point** Melting/freezing point Not available

< 1 Vapor pressure

Solubility in water **Emulsifies**

Specific gravity 0.98

Heavier than air Vapor density

Evaporation rate > 0.1 Nil Volatile organic

compounds

SECTION 10 Reactivity and Stability

Stability and reactivity Stable. Hazardous polymerization will not occur.

Conditions to avoid None

Materials to avoid Strong oxidizing or reducing agents.

Hazardous decomposition

Fumes and possible smoke containing carbon monoxide and carbon dioxide

products (CO, CO₂). SECTION 11 Toxicological Information

Acute studiesTests on similar materials show a low order of acute oral and dermal toxicity.

Eye effects Minimal irritation on contact.

Skin effects May cause mild irritation with prolonged and repeated contact.

Acute oral effects Tests on similar materials indicate low order of acute toxicity.

Acute inhalation Low acute toxicity expected on inhalation.

Carcinogenic None of the ingredients in this product are listed by IARC, ACGIH, NTP or

OSHA as carcinogenic.

SECTION 12 Ecological Information

Environmental toxicity None reported

Aquatic toxicity No data

SECTION 13 Disposal Considerations

Handling for disposal Absorb on suitable material and follow procedures listed below.

Methods of disposal Dispose of in a manner that is recommended by local, state, provincial and

federal laws and regulations.

SECTION 14 Transportation Information

Not classified as hazardous for transport according to IATA, 49CFR, and IMDG regulations.

SECTION 15 Regulatory Information

WHMIS information No data
CEPA information No data

TSCA information All ingredients are included in the TSCA inventory.

SARA Title III Contains no ingredients which exceed De Minimus reporting requirements.

California Prop 65 The product contains no chemicals known to the state of California to cause

cancer or reproductive toxicity.

SECTION 16 Other Information

Prepared by ITW ROCOL North America, Leroy Hitchcock, 1-800-452-5823

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References

- 1. ACGIH, <u>Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure</u> Indices, 2004.
- 2. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2004.
- 3. US EPA Title III Lists of Lists October 2001 version.
- 4. Material Safety Data Sheets from manufacturer.