

MATERIAL SAFETY DATA SHEET



TAPZOL

SECTION 1 Product and Company Information

Product identifier: SafeTap Tapzol
Product use: Heavy-duty metalworking tapping lubricant
Manufacturer: ITW ROCOL North America
3624 West Lake Avenue
Glenview, Illinois 60026
Tel: 800-452-5823
Emergency info: After 5:00pm CST: CHEMTREC, Tel: 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 protection: B

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 headache, dizziness and irritate the mucous membranes.

Ingestion: No hazards anticipated from ingestion incidental to industrial exposure.

Potential long-term health effects: None identified

SECTION 3 Chemical Composition/Hazardous Ingredients

Ingredients	CAS #	OSHA/PEL (TWA)	ACGIH/TLV (TWA)
Light naphthenic, severely hydrotreated, oil	64742-52-5	5 mg/m ³	5 mg/m ³
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

- Flammability:** Non-flammable
- Products of combustion:** Oxides of carbon (CO, CO₂)
- Flash point:** 240°F (116°C) **Method:** PMCC
- Explosion data:**
Sensitivity to mechanical impact: None **Sensitivity to static discharge:** None
- Fire-fighting media and instructions:** In case of fire, use carbon dioxide, dry chemicals, foam, fog, sand, or earth.
- 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. Keep away from heat, sparks, flame or ignition sources.

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 oxidizing agents, extreme heat, flame, or ignition sources. Store and use in a well ventilated area. Store in closed containers between 50°F and 120°F (10°C and 49°C).

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 glove. 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:** Brown
- Odor:** Petroleum
- pH:** Not applicable
- Boiling point:** > 400°F (204°C)
- Melting/freezing point:** Not available
- Solubility in water:** Insoluble
- Specific gravity:** 0.92
- Vapor density:** Greater than air (> 1)
- Volatile organic compounds:** Nil

SECTION 10

Reactivity and Stability

- Stability and reactivity:** Stable. Hazardous polymerization will not occur.
- Conditions to avoid:** Extreme heat.
- Materials to avoid:** Strong oxidizers.
- Hazardous decomposition products:** Thermal decomposition or burning will produce carbon monoxide, carbon dioxide, and thick smoke.

SECTION 11 Toxicological Information

LD50:	Not determined for the product.
LC50:	Not determined for the product.
Carcinogenic:	None of the ingredients in this product are listed by IARC, ACGIH, NTP or OSHA as carcinogenic.
Teratogenicity:	No information.
Mutagenicity:	No information.

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 (DOT, TDG, CFR, IMO, ICAO).

SECTION 15 Regulatory Information

OSHA Status:	This product is not hazardous under the criteria of the Federal OSHA Hazardous Communication Standard 29 CFR 1910.1200.
WHMIS information:	None.
TSCA information:	All ingredients are included in the TSCA inventory.
SARA Title III:	Contains no ingredients which exceed De Minimus reporting requirements.
California Proposition 65:	The product contains no chemicals known to the state of California to cause cancer or reproductive toxicity.

SECTION 16 Other Information

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References:

1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure 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.