

MATERIAL SAFETY DATA SHEET



Gel Paste

SECTION 1 Product and Company Information

Product identifier Accu-Lube Gel Paste
Product use Metalworking lubricant
Manufacturer ITW Fluids North America
3650 West Lake Avenue
Glenview, Illinois 60026
1-800-452-5823
Emergency info After 5:00pm CST: CHEMTREC, 1-800-424-9300

SECTION 2 Hazards Identification

Emergency overview No hazards resulting from the material supplied.

HMIS rating

Health 0

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 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)
Not applicable	N/AP	N/AP	N/AP

This product contains no chemicals subject to the reporting requirements of OSHA's Hazard Communication Standard 29 CFR 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, CO ₂).
Flash point (method)	> 200°F (93°C) (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.
**	Exercise care when disposing of rags contaminated with this product. For additional information on oily rag fires, contact your local fire department.

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	Paste
Color	Blue
Odor	Mild
pH	Not applicable
Boiling point	> 400°F (204°C)
Melting/freezing point	Not available
Vapor pressure	< 1 mmHg
Solubility in water	Insoluble
Specific gravity	0.86
Vapor density	> 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 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	<i>ITW</i> Fluids North America, Leroy Hitchcock, 1-800-452-5823	
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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. CCIInfoWeb databases, 2004.
3. US EPA Title III Lists of Lists - October 2001 version.
4. Material Safety Data Sheets from manufacturer.