

GHS SAFETY DATA SHEET

Section #1 Identification

Product Name: Watlube

Synonyms: None

CAS Number: 1344-28-1

Product Use: Lubrication

Manufacturer/ Supplier: Watlow Electric Manufacturing
12001 Lackland Road St. Louis, MO 63146

Emergency Information: Chemtrec 800-424-9300

General Information: (314) 878-4600

Section #2 Hazards Identification

GHS Classification: The higher the number the lower the risk

Health Hazards

Acute Toxicity - Category 4 (inhalation), Category 3 (oral/dermal)

Eye Irritant - Category 4

Skin Irritant - Category 4

Skin Sensitization - Category 3

Mutagenicity - Category 4

Carcinogenicity - Category 4

Reproductive/Developmental - Category 4

Target Organ Toxicity (Repeated) - Category 4

Environmental Hazards

Aquatic Toxicity- Category 2

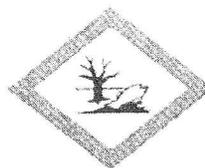
Physical Hazards

Flammability: Category 4 (non- flammable)

GHS Label Information:

Hazard Statement: Harmful if swallowed. May cause eye irritation.

Signal Word: Danger



Hazard Pictograms: Toxic fumes may be released in fire situations. Toxic to aquatic life.

Precautionary Statement: Do not inhale fumes. May cause skin and eye irritation, toxic if swallowed. Toxic to aquatic life. Do not eat, drink or use tobacco when handling this product. Store container tightly closed in ventilated area. See Section 8 for PPE requirements during use. Practice good hygiene; wash hands thoroughly after use.

In Case of Fire: See Section 5

First Aid Measures: See Section 4

Section #3 Composition /Ingredient List

Component	CAS Number	% by Volume
Aluminum Trihydrate	21645-51-2	13%

Modified Cellulose	9004-67-5	0.375%
3,5,7-Triaza-1 (CTAC)	4080-31-3	0.200%
Sodium Bicarbonate	144-55-8	0.130%
Water	7732-18-5	86.300%

Section #4 First Aid Measures

Eye: Eye Irritant. Flush eyes immediately with copious amounts of cool, clean, water. Remove contact lenses (if present) after 5 minutes of flushing. Get medical attention immediately.

Skin: May cause itching or burning. Flush with copious amounts of cool, clean water, remove contaminated clothing. Get medical attention immediately.

Inhalation: nasal irritation, headache, dizziness, nausea, vomiting, difficulty breathing may occur with over exposure. Remove effected person from the area into fresh air, if needed begin CPR.

Ingestion: Get immediate medical attention. Do not induce vomiting unless directed by medical personnel.

Section #5 Fire Fighting Measures

Suitable Extinguishing Media: Use dry chemical, foam, or carbon dioxide to extinguish fire. and to protect personnel.

Fire Fighting Procedures: Do not flush down sewers or other drainage systems. Exposed firefighters must wear NIOSH-approved positive pressure self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Dangerous when exposed to open flame.

Combustion Products: May include Nitrogen Oxide, Hydrogen Chloride, Carbon Monoxide and Carbon Dioxide

Section #6 Accidental Release Measures

Clean Up Methods: Collect mechanically and or by flushing with water. Do not flush down deains, into sewers or other water ways. Dispose of according to local, state and Federal regualtions.

Section #7 Handling and Storage

Handling: Avoid contact with eyes, skin or clothing. For accidental contact see Section #4. Practice good hygiene when using product: do not eat, drink or smoke after handling product without washing hands. Remove contaminated clothing.

Storage: Store in tightly closed container in cool, dry area with aequate ventilation, away from sources of ignition and incompatibles including: strongs acids and bases. Protect against physical damade. Do not store in direct sunlight. Store at ambient or lower temperatires. Empty containers should be disposed of in compliance with applicible local state and federal laws.

Section #8 Exposure Controls / Personal Protection

Component	Exposure Limit	Exposure regualtion
Aluminum Trihydrate	1mg/m ³	ACGIH TLV-TWA 1mg/m ³ (respirable)
Modified Cellulose	10mg/m ³	OSHA PEL: Inhalable dust
3,5,7-Triaza-1 (CTAC)	None	N/A
Sodium Bicarbonate	10mg/m ³	ACGIH TWA

Engineering Controls: Local exhaust ventilation may be necessary to control air contaminants to exposure limits. Local exhaust ventilation is reccomended for emission contol near point of use.

Personal Protective Equipment (PPE)

Eye Protection: Wear chemical safety goggles and face shield. Have eye-wash stations available where eye contact can occur.

Skin Protection: Avoid skin contact. Wear gloves impervious to conditions of use. Chemical resistant apron may be necessary to prevent skin contact.

Respiratory Protection: If expsoure limits are exceeded NIOSH approved respirators should be worn. A NIOSH approvd organic vapor respirator is acceptable.

Section #9 Physical and Chemical Properties

Flash point: N/A, Boiling point: 212°F, Molecular formula: mixture, Specific gravity=1, Odor/Appearance: slightly viscous white colloidal solution odorless, PH ~8, Upper Flammability Limit: N/A, Lower Flammability Limit: N/A, Solubility in water: soluble

Section #10 Stability and Reactivity

Stability/Incompatibility: Avoid strong acids and bases.

Hazardous Reactions/Decomposition Products: Thermal decomposition should not occur

Section #11 Toxicological Information

Information given is based on data on the components and the toxicology of similar products

Acute Toxicity: Based on review of component products

Oral LD₅₀ (Rat) = 1000 mg/kg Dermal LD₅₀ (Rabbit) = 5000 mg/kg Inhalation LC₅₀ (Rat) = 5.2 mg/l

Eye Contact: May cause irritation, see Section #4 for First Aid Measures.

Skin Contact: May cause irritation, see Section #4 for First Aid Measures.

Inhalation: May cause reaction/irritation, see Section #4 for First Aid Measures.

Ingestion: May cause gastrointestinal irritation/discomfort, see Section #4 for First Aid Measures.

Section # 12 Ecological Information* *Based on data of components/ingredients.*

LC₅₀ (Fathead Minnows) = 10000 mg/l, EC 50 Daphnia >10,000 mg/l

EC₅₀ (Daphnia) = 8.6 mg/L/48 hr.

Bioaccumulation potential: Inert Material

Dispose of in compliance with Federal State and Local Laws and Regulations.

Section #13 Disposal Considerations

Disposal of this product must be done in compliance with Local, State and Federal law and conducted in compliance with 40 CFR 262,263,264,268, and 270. Chemical additions, processing or otherwise alter material may make waste management guidelines presented incomplete, inaccurate and inappropriate.

Section #14 Transportation Information

U.S. Department of Transportation (DOT)

Proper Shipping Name: Watlube

Hazard Class: Not regulated as a hazardous material

UN/NA Number: None

Packing Group: PG 3

Labels Required: None

International Maritime Organization (IMDG)

Proper Shipping Name: Watlube

Hazard Class: None

Packing Group: PG 3

Labels Required: None

Section # 15 Regulatory Information

Components are listed in: EC/Reach Australia, Canada, China, Japan, Korea, New Zealand, Philippines, USA, and Taiwan

Section # 16 Other Information

Disclaimer: The information contained in the Safety Data Sheet is to the best of Watlow Electric Manufacturing's knowledge and beliefs. As of the date indicated it is believed to be accurate and reliable. However, no representation, warranty or guarantee is implied or expressed regarding the accuracy, reliability or completeness of this information or the use of this product. Nothing contained herein should be considered a recommendation to the use and/or disposal of this product in conflict with National or Local regulations or existing patents covering any material or its use.

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