

SAFETY DATA SHEET

Issue Date: December 11, 2019 Revision Date: May 10, 2023 Version 2

1. IDENTIFICATION

Product Name Ferrnsol™ Welding Antispatter

Other Means of Identification

Formula Number 2005-7R

Recommended Use of the Chemical and Restrictions on Use:

Recommended Use Welding spatter control

Details of the Supplier of the Safety Data Sheet

Supplier Address ITM Products, Inc.

31025 Carter Street Solon, OH 44139

Emergency Telephone Number

Company Phone Number Phone: 1-800-229-6744

1-440-287-2302

Fax: 1-440-287-3095

Emergency Telephone Chemtel

1-800-255-3924

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards:

Causes serious eye irritation, may be harmful if swallowed, may cause respiratory and mild skin irritation,.

GHS classification:

-Hazard categories:

Specific target organ toxicity (single exposure) 3 Skin corrosion/irritation: Skin Irritant 3 Eye damage/eye irritation: Eye Irritant 2A

Acute toxicity - oral - 5

Label elements

Signal word: Warning

Pictograms:



Hazard Statements:

H303 May be harmful if swallowed
 H319 Causes serious eye irritation
 H316 Causes mild skin irritation
 H335 May cause respiratory irritation

Precautionary Statement(s)

Prevention:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P264 Wash hands and skin thoroughly after handling.

P271 Use only outdoors or in well ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P337+P313 If eye irritation persists: Get medical advice/attention.

P312 Call a POISON CENTER/doctor if swallowed and you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P332+P313 If skin irritation or rash occurs: Get medical advice or attention.

P304+P340+P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a

POISON CENTER/doctor if you feel unwell.

Storage: P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

Disposal: P501 Dispose of contents/container in accordance with local/regional/national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS Number</u>	<u>% wt.</u>
Sodium Xylene Sulfonate	1300-72-7	10-20
Propylene Glycol	57-55-6	5-15
Coconut oil/DEA (1:1) amide	68603-42-9	1-5

4. FIRST AID MEASURES

First Aid Measures

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Inhalation: IF INHALED: Call a POISON CENTER/doctor if you feel unwell.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice or attention.

Ingestion: IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If conscious, rinse mouth with water. Call a POISON CENTER/doctor if you feel unwell.

Skin Contact: Wash off with plenty of soap and water. If skin irritation occurs: Get medical advice or attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Material is not combustible. Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide for the surrounding fire.

Specific Hazards Arising from the Chemical

No specific data available.

Hazardous Combustion Products

Oxides of Carbon, Nitrogen

Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus and full protective gear for firefighting.

Further Information

See Section 7 for safe handling and storage.

6. ACCIDENTAL RELEASE MEASURES	5
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Personal PrecautionsAvoid contact with the skin and the eyes. Evacuate personnel to safe areas. Use

personal protective equipment. Keep people away from and upwind of spill/leak.

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Environmental Precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering

drains. Do not flush into surface water or sanitary sewer system. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional

Ecological information

Methods and Material for Containment and Cleaning Up

Methods for Containment Dike to collect large liquid spills. Prevent leakage or spillage if safe to do so.

Methods for Cleaning Up Dam up. Soak up with inert absorbent material Place the bulk of any spilled material

into properly labeled containers. Rinse any remaining material to sewage treatment

facility. Clean up in accordance with all applicable regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Conditions for Safe Storage, Including any Incompatibilities

General information: Keep container tightly closed in a dry and well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from heat. Keep from freezing. Store product above 50 degrees F/10 degrees C and below 95 degrees F/35 degrees C.

Safe Storage: No Additional Data

Incompatibilities: None known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component Exposure Limits

Diethanolamine CAS#: 111-42-2, ACGIH TWA 2 mg/m3

Appropriate Engineering Controls

Local Ventilation: Recommended General Ventilation: Recommended

Individual Protection Measures, such as Personal Protective Equipment Eye/Face Protection: Use proper protection – Safety Glasses as a minimum

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Skin and Body Protection: Wash at mealtime and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). Use chemical protective gloves as a minimum and wash skin promptly upon any skin contact.

Respiratory Protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and work day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State liquid Appearance clear Color red

Odor: mild Odor threshold

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<u>Property</u> <u>Value</u> <u>Remarks - Method</u>

pH 9-10.5

Flammability Limits in Air not applicable
Vapor Pressure Not available
Vapor Density Not available

Specific Gravity 1.02
Density 8.5 lb./gal

Water Solubility completely soluble in water

Solubility in other Solvents not available Partition Coefficient not available Autoignition Temperature not available Decomposition Temperature not available

Kinematic Viscosity ≈5 cps

Dynamic Viscosity not determined Explosive Properties not relevant Oxidizing Properties not relevant

%Volatility >90

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Possibility of Hazardous Reactions: None Known

Conditions to Avoid: keep from freezing

Incompatible Materials None known.

Hazardous Decomposition Products: Oxides of carbon and nitrogen

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin Contact, Eye Contact, Inhalation (Ingestion is not a likely route of exposure under normal conditions of use.)

Symptoms of Exposure:

Skin: Contact with skin may cause irritation. Contact may cause sensitization/allergic skin reaction (delayed skin rash which may be followed by blistering, scaling and other skin effects) in sensitive individuals.

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Eye: Contact with eye causes serious irritation including discomfort and stinging with excess tear production, redness and blinking.

Inhalation: Inhalation of vapors or mist may cause irritation of the respiratory system.

Ingestion: Ingestion may cause irritation of the mouth, throat, esophagus, and stomach. Additional symptoms include chest discomfort, abdominal pain, nausea, vomiting and diarrhea.

Numerical measures of toxicity:

Ingredient: Cocoamide/DEA (1:1), CAS#: 68603-42-9

Acute Toxicity - Oral: LD50 > 12,400 µL/Kg Rat Acute Toxicity - Dermal: LD50 > 2000 mg/Kg Rabbit

Carcinogenicity: The state of California has determined that ingredients contained in this material are possibly carcinogenic to humans. Classified 2B(possible for humans) by IARC.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available on finished product

Persistence and Degradability: Completely biodegradable.

Bioaccumulation None

Mobility No data available

Other Adverse Effects Do not use nitrosating agents with this product, as nitrosamines may form.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: This product is a not a hazardous waste under RCRA. Dispose of in conformance with all federal, state and local regulations.

Contaminated Packaging: Dispose of as unused material.

14. TRANSPORT INFORMATION

DOT: Non Hazardous

IATA: Non Hazardous

IMDG: Non Hazardous

15. REGULATORY INFORMATION

International Inventories

TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

US Federal Regulations SARA 302: None Known

SARA 311/312 Hazard Categories: Acute Health Hazard, Delayed (Chronic) Health Hazard

SARA 313 Hazard Categories: DEA (111-42-2) 1.0% de minimis concentration

CWA (Clean Water Act): None Known

Ferrnsol Welding Antispatter

Supplemental State Compliance Information

California: Proposition 65 listed chemicals

New Jersey Right To Know: None Known

Pennsylvania Right To Know: None Known

U.S. EPA Label Information: No Data

Canada

WHMIS Classification: Class D2B (Toxic)

Symbol: Stylized T

16. OTHER INFORMATION

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<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
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Disclaimer

The information provide in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet