



# Safety Data Sheet

Issue Date: 15-Jan-2015

Revision Date: 24-Sept-2015

Version 2

## 1. IDENTIFICATION

### Product Identifier

**Product Name** GlobalTech® Semi Aqueous Paste & Flux Remover Saturated Wipes/Refills

### Other means of identification

**SDS #** JNJ-018-WIPES

**Product Code** AFR-Wipes  
**UN/ID No** UN3175

### Recommended use of the chemical and restrictions on use

**Recommended Use** Paste and flux remover.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

JNJ Industries  
290 Beaver Street  
Franklin, MA 02038

### Emergency Telephone Number

**Company Phone Number** Phone: 800-554-9994 / 508-553-0529  
Fax: 508-553-9973  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Liquid saturated on wipe                      **Physical State** Solid                                      **Odor** Mild

### Classification

The classification below is for the liquid which is absorbed onto the wipe

Serious eye damage/eye irritation	Category 2
Flammable Liquids	Category 3

### Signal Word

**Warning**

### Hazard Statements

Causes serious eye irritation  
Flammable liquid and vapor



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use explosion-proof equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Unknown Acute Toxicity**

12.73% of the mixture consists of ingredient(s) of unknown toxicity

<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>
--

Chemical Name	CAS No	Weight-%
DI Water	7732-18-5	<30
Aliphatic Glycol Ethers	Proprietary	>60

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

<b>4. FIRST-AID MEASURES</b>
------------------------------

**First Aid Measures**

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. Call a physician.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration.
<b>Ingestion</b>	If large amount is swallowed, give lukewarm water (pint, 1/2 liter). Do not induce vomiting. Get medical attention immediately.

**Most important symptoms and effects**

<b>Symptoms</b>	Exposed individuals may experience eye tearing, redness and discomfort. Prolonged or repeated exposure by inhalation may cause headaches and palpitations. May cause nausea, vomiting, stomach ache, and diarrhea. Dizziness.
-----------------	---

**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
---------------------------	------------------------

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water spray (fog).

**Unsuitable Extinguishing Media** Not determined.

### Specific Hazards Arising from the Chemical

This material may produce a floating fire hazard in extreme fire conditions.

**Hazardous Combustion Products** Carbon oxides.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protective equipment as required.

**Environmental Precautions** Do not release into sewers or waterways.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Place in an appropriate container for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### **Advice on Safe Handling**

Wash thoroughly after handling. Use personal protection recommended in Section 8. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use spark-proof tools and explosion-proof equipment. Ground/bond container and receiving equipment. Take precautionary measures against static discharges. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Use only in well-ventilated areas.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

**Incompatible Materials** Strong oxidizers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aliphatic Glycol Ether	STEL: 150 ppm TWA: 100 ppm	(vacated) TWA: 100 ppm (vacated) TWA: 360 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 540 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 360 mg/m <sup>3</sup> STEL: 150 ppm STEL: 540 mg/m <sup>3</sup>

### Appropriate engineering controls

**Engineering Controls** Eyewash stations. Showers.

**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Safety glasses.
<b>Skin and Body Protection</b>	Chemical resistant protective gloves. Vinyl not recommended.
<b>Respiratory Protection</b>	Ensure adequate ventilation, especially in confined areas.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical State</b>	Solid	<b>Odor</b>	Mild
<b>Appearance</b>	Liquid saturated on a wipe	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Clear		

<u>Property</u>	<u>The information below is for the liquid absorbed onto the wipe</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not established	
Boiling Point/Boiling Range	98 °C / 208 °F	
Flash Point	56 °C / 132 °F	Tag Closed Cup
Evaporation Rate	Not established	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not available	
Lower Flammability Limit	Not available	
Vapor Pressure	16-18 mm Hg	
Vapor Density	3.0-4.0	(Air=1)
Specific Gravity	0.97	(1=Water)
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Will not occur	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Water-like	
Dynamic Viscosity	Water-like	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to Avoid**

Heat, flames and sparks.

**Incompatible Materials**

Strong oxidizers.

**Hazardous Decomposition Products**

Carbon oxides.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Ingestion</b>	Do not taste or swallow.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
DI Water 7732-18-5	> 90 mL/kg ( Rat )	-	-
Aliphatic Glycol Ethers	= 2504 mg/kg ( Rat )	= 3550 mg/kg ( Rabbit )	-
Aliphatic Glycol Ether	= 13300 mg/kg ( Rat )	> 20 mL/kg ( Rabbit )	-
Aliphatic Glycol Ethers	= 1620 µL/kg ( Rat )	= 5660 µL/kg ( Rabbit )	-
Aliphatic Glycol Ether	= 20000 mg/kg ( Rat )	= 20800 mg/kg ( Rabbit )	-
Aliphatic Glycol Ether	= 5200 mg/kg ( Rat )	= 13000 mg/kg ( Rabbit )	= 54.6 mg/L ( Rat ) 4 h > 24 mg/L ( Rat ) 1 h

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

Not determined

**Unknown Acute Toxicity** 12.73% of the mixture consists of ingredient(s) of unknown toxicity.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Aliphatic Glycol Ether		5000: 24 h Carassius auratus mg/L LC50 static		

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Aliphatic Glycol Ether	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	51600: 96 h Oncorhynchus mykiss mg/L LC50 static 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50		10000: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50 Static
Aliphatic Glycol Ether		20.8: 96 h Pimephales promelas g/L LC50 static 4600 - 10000: 96 h Leuciscus idus mg/L LC50 static		23300: 48 h Daphnia magna mg/L EC50

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Chemical Name	Partition Coefficient
Aliphatic Glycol Ether	-0.437

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

- Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.
- Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**Note**

The shipping description is specific to the container and mode of shipment. Please refer to the shipping papers for most up to date shipping information,  
 NOTE: packages with inner packagings not over 1 liter/1 kg may be reclassified as a Limited Quantity/Consumer Commodity ORM-D.  
 NOTE: ORM-D Designation (Shipments by highway, rail and vessel only valid until December 31, 2020).  
 NOTE: Consumer Commodity (ORM-D) classification is for domestic surface/ground shipments only. Air shipments remain regulated.

**DOT**

- UN/ID No** UN3175
- Proper Shipping Name** Solids containing flammable liquid, n.o.s. (PNP glycol ether, 1-methoxy-2-propanol)
- Hazard Class** 4.1
- Packing Group** II

**IATA**

- UN/ID No** UN3175
- Proper Shipping Name** Solids containing flammable liquid, n.o.s. (PNP glycol ether, 1-methoxy-2-propanol)
- Hazard Class** 4.1
- Packing Group** II

**IMDG**

<b>UN/ID No</b>	UN3175
<b>Proper Shipping Name</b>	Solids containing flammable liquid, n.o.s. (PNP glycol ether, 1-methoxy-2-propanol)
<b>Hazard Class</b>	4.1
<b>Packing Group</b>	II

<b>15. REGULATORY INFORMATION</b>
-----------------------------------

**International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
DI Water	Present	X		Present			X	Present	X	X
Aliphatic Glycol Ethers	Present	X		Present		Present	X	Present	X	X

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations****SARA 313**

Not determined

**US State Regulations****U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
DI Water 7732-18-5			X
Aliphatic Glycol Ether			X
Aliphatic Glycol Ether	X		X
Aliphatic Glycol Ether	X	X	X

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	2	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	2	0	B

**Issue Date:** 15-Jan-2015  
**Revision Date:** 24-Sept-2015  
**Revision Note:** changed to packing group II

**Disclaimer**

The information provided 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**