



# Safety Data Sheet

Issue Date: 01-Jan-2012

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Version 2

## 1. IDENTIFICATION

### Product Identifier

**Product Name** GlobalTech® SMT Stencil Cleaner

### Other means of identification

**SDS #** JNJ-001

**Product Code** SMT  
**UN/ID No** UN3295

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

**Recommended Use** Stencil cleaner.

### 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** Clear, colorless liquid      **Physical State** Liquid      **Odor** No odor

### Classification

Acute toxicity - Dermal	Category 4
Germ cell mutagenicity	Category 1B
Reproductive toxicity	Category 2
Aspiration toxicity	Category 1
Flammable Liquids	Category 3

### Signal Word

**Danger**

### Hazard Statements

Harmful in contact with skin  
May cause genetic defects  
Suspected of damaging fertility or the unborn child  
May be fatal if swallowed and enters airways  
Flammable liquid and vapor

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 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

**Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 Call a poison center or doctor/physician if you feel unwell  
 Wash contaminated clothing before reuse  
 IF SWALLOWED: Immediately call a poison center or doctor/physician  
 Do not induce vomiting  
 IN CASE OF FIRE: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Toxic to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Mixed Aliphatic Hydrocarbons	Proprietary	>95
Cyclomethicone	Proprietary	<5

\*\*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.\*\*

### 4. FIRST-AID MEASURES

**First Aid Measures**

<b>General Advice</b>	If exposed or concerned: Get medical advice/attention.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids.
<b>Skin Contact</b>	Wash off immediately with plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse. Call a physician if you feel unwell.
<b>Inhalation</b>	Remove to fresh air. Oxygen or artificial respiration if needed.

**Ingestion** Do not induce vomiting. Call a physician or poison control center immediately. Aspiration hazard if swallowed- can enter lungs and cause damage.

**Most important symptoms and effects**

**Symptoms** Contact may cause irritation and redness. May cause irritation to the mucous membranes and upper respiratory tract. Ingestion may cause nausea, vomiting, dizziness, and headache.

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

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Foam. Carbon dioxide (CO2). Dry chemical.

**Unsuitable Extinguishing Media** Do not use direct stream of water, material may float and reignite.

**Specific Hazards Arising from the Chemical**

Flammable.

**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. Use water spray to keep fire-exposed containers cool.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

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

**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** Contain and collect with an inert absorbent and place into an appropriate container for disposal. For spills in excess of allowable limits (RQ) notify the National Response Center (800) 424-8802; refer to 40 CFR 302 for detailed instructions concerning reporting requirements.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

**Incompatible Materials** Strong oxidizers.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines** No exposure limits noted for ingredient(s).

**Appropriate engineering controls**

**Engineering Controls** Eyewash stations. Showers.

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

**Eye/Face Protection** Safety glasses.

**Skin and Body Protection** Chemical resistant protective gloves.

**Respiratory Protection** Use self-contained breathing apparatus in high vapor concentrations.

**General Hygiene Considerations** 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>	Liquid	<b>Odor</b>	No odor
<b>Appearance</b>	Clear, colorless liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not established	
Boiling Point/Boiling Range	176-209 °C / 346-406 °F	
Flash Point	52 °C / 126 °F	
Evaporation Rate	0.17	(butyl acetate = 1)
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not available	
Lower Flammability Limit	Not available	
Vapor Pressure	1.2 mm Hg	
Vapor Density	5.2	(Air=1)
Specific Gravity	0.79	(1=Water)
Water Solubility	Slightly soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	232 °C / 450 °F	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not available	
Dynamic Viscosity	Not available	
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.

**Hazardous Polymerization** Hazardous polymerization does not occur.

**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**

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Harmful in contact with skin.

**Inhalation** Avoid breathing vapors or mists.

**Ingestion** Do not taste or swallow.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Mixed Aliphatic Hydrocarbons	> 7000 mg/kg ( Rat )	> 3000 mg/kg ( Rat ) > 2000 mg/kg ( Rabbit )	> 5.04 mg/L ( Rat ) 4 h
Cyclomethicone	= 1540 mg/kg ( Rat )	> 2400 mg/kg ( Rat ) > 4640 mg/kg ( Rabbit ) = 794 µL/kg ( Rabbit )	> 12.7 mg/kg ( Rat ) 4 h > 17.6 mg/L ( Rat ) 1 h
Petroleum Distillate 64742-88-7	> 5000 mg/kg ( Rat )	= 3000 mg/kg ( Rabbit )	> 5.28 mg/L ( Rat ) 4 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**

**Germ cell mutagenicity** May cause genetic defects.

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

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity**

Not determined

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Mixed Aliphatic Hydrocarbons	30000: 72 h Pseudokirchneriella subcapitata mg/L EC50			2: 48 h Mysidopsis bahia mg/L LC50
Cyclomethicone		500: 96 h Brachydanio rerio mg/L LC50 1000: 96 h Lepomis macrochirus mg/L LC50		25.2: 24 h Daphnia magna mg/L EC50
Petroleum Distillate 64742-88-7	450: 96 h Pseudokirchneriella subcapitata mg/L EC50	800: 96 h Pimephales promelas mg/L LC50 static		100: 48 h Daphnia magna mg/L EC50

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Chemical Name	Partition Coefficient
Cyclomethicone	5.1

**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.  
NOTE: packages with inner packagings not over 5 liter/5 kg may be reclassified as a Limited Quantity. Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

**DOT**

- UN/ID No** UN3295
- Proper Shipping Name** Hydrocarbons, liquid, n.o.s.
- Hazard Class** 3
- Packing Group** III

**IATA**

- UN/ID No** UN3295
- Proper Shipping Name** Hydrocarbons, liquid, n.o.s.
- Hazard Class** 3
- Packing Group** III

**IMDG**

**UN/ID No** UN3295  
**Proper Shipping Name** Hydrocarbons, liquid, n.o.s.  
**Hazard Class** 3  
**Packing Group** III  
**Marine Pollutant** This material may meet the definition of a marine pollutant

**15. REGULATORY INFORMATION**

**International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Mixed Aliphatic Hydrocarbons	Present	X		Present		Present	X	Present	X	X
Cyclomethicone	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
Petroleum Distillate 64742-88-7	X		

**16. OTHER INFORMATION**

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

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**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**

