



Safety Data Sheet

Issue Date: 01-Jan-2012

Revision Date: 15-Jan-2015

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 CO₂, 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

| | |
|-----------------------|--|
| General Advice | If exposed or concerned: Get medical advice/attention. |
| Eye Contact | Rinse thoroughly with plenty of water, also under the eyelids. |
| Skin Contact | Wash off immediately with plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse. Call a physician if you feel unwell. |
| Inhalation | 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**

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|-----------------------------|--|
| 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

| | | | |
|-----------------------|-------------------------|-----------------------|----------------|
| Physical State | Liquid | Odor | No odor |
| Appearance | Clear, colorless liquid | Odor Threshold | Not determined |
| Color | 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

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

