



Safety Data Sheet

Champion Chemical Co.

Revision Date: 03-Jan-15

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: Twister
Product Number: 60
Recommended Use: Floor Cleaner
Uses Advised Against: For Industrial and Institutional Use Only

24 Hour Emergency Phone Numbers:
Medical Emergency/Information: 800-451-8346 (24 hrs)
Transportation/Spill/Leak: CHEMTREC 800-424-9300

Manufacturer/Supplier: Champion Chemical Co.
8319 S. Greenleaf Ave.
Whittier, CA 90602
800-621-7868
www.championchemical.com

2. HAZARDS IDENTIFICATION

GHS Classification SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B

GHS Label Elements

Signal Word:

Warning

Symbols:

None

Hazard Statements:

Causes eye irritation.

Precautionary Statements:

Wash hands thoroughly after handling.

Prevention:

Response:

See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

-Specific Treatment:

Storage:

No other specific measures identified.

Disposal:

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

Hazards Not Otherwise Classified: Not Applicable

Other Information:

- May cause skin irritation.
- May cause eye irritation.
- May be harmful if swallowed.
- Inhalation of vapors or mist may cause respiratory irritation.
- Keep out of reach of children.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|-----------------------------------|-------------|----------|
| Diethylene Glycol Monoethyl Ether | 034590-94-8 | 2-6 |
| Nonylphenol Ethoxylate | 9016-45-9 | 3-6 |

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Skin Contact:** No known effect after skin contact. Rinse with water for a few minutes.
- Inhalation:** No special measures required. Treat symptomatically.
- Ingestion:** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.
- Note to Physicians:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** Use water spray, fog or foam.
- Specific Hazards Arising from the Chemical:** In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous Combustion Products:** Decomposition products may include the following materials:
carbon dioxide, carbon monoxide
- Protective Equipment and Precautions for Firefighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
- Environmental Precautions:** Do not rinse spill onto the ground, into storm sewers or bodies of water.
- Methods for Clean-Up:** Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

- Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
- Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Occupational Exposure Limits:** None established.
- Engineering Controls:** Provide good general ventilation.
If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
- Personal Protective Equipment**
- Eye/Face Protection:** Not required with expected use.
- Skin and Body Protection:** Not required with expected use.
- Respiratory Protection:** Not required with expected use.
If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
- General Hygiene Considerations:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|--|
| Appearance/Physical State: | Liquid |
| Color: | Purple |
| Odor: | Lemon |
| pH: | 7-8 |
| Melting Point / Freezing Point: | No information available. |
| Boiling Point / Boiling Range: | 100 °C / 212 °F |
| Flash Point: | > 100 °C / > 212 °F |
| Evaporation Rate: | < 1 (BuAc = 1) |
| Flammability (solid, gas) | No information available. |
| Upper Flammability Limit: | No information available. |
| Lower Flammability Limit: | No information available. |
| Vapor Pressure: | No information available. |
| Vapor Density: | No information available. |
| Specific Gravity: | 1.01 |
| Solubility(ies): | Miscible in water |
| Partition Coefficient: | No information available. |
| Autoignition Temperature: | No information available. |
| Decomposition Temperature: | No information available. |
| Viscosity: | Kinematic (room temperature): 0 cm ² /s (0 cSt) |

10. STABILITY AND REACTIVITY

| | |
|--|--|
| Reactivity: | This material is considered to be non-reactive under normal conditions of use. |
| Chemical Stability: | Stable under normal conditions. |
| Possibility of Hazardous Reactions: | Not expected to occur with normal handling and storage. |
| Conditions to Avoid: | No specific data. |
| Incompatible Materials: | Not available. |
| Hazardous Decomposition Products: | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

11. TOXICOLOGICAL INFORMATION

| | |
|--|--|
| Likely Routes of Exposure: | Eyes, Skin, Ingestion, Inhalation. |
| Symptoms of Exposure: | |
| -Eye Contact: | irritation watering and redness. |
| -Skin Contact: | No specific data. |
| -Inhalation: | No specific data. |
| -Ingestion: | No specific data. |
| Immediate, Delayed, Chronic Effects | |
| Product Information: | Data not available or insufficient for classification. |

Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

| | |
|--------------------------------|-------------|
| ATEmix (oral): | 75580 mg/kg |
| ATEmix (inhalation-dust/mist): | 206.3 mg/l |

Component Acute Toxicity Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|----------------------|--|----------------------------------|
| Diethylene Glycol Monoethyl Ether 034590-94-8 | = 1920 mg/kg (Rat) | = 4200 µL/kg (Rabbit) = 6 mL/kg (Rat) | > 5240 mg/m ³ (Rat) |
| Nonylphenol Ethoxylate 9016-45-9 | =5,800 mg/kg (Rat) | =7,426 mg/kg Guinea Pig | > 50,100 mg/m ³ (Rat) |

Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity

| Chemical Name | Algae/Aquatic Plants | Fish | Toxicity to Microorganisms | Crustacea |
|--|----------------------|---|----------------------------|--|
| Diethylene Glycol Monoethyl Ether 034590-94-8 | Not Available | 11400 - 15700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11600 - 16700: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Lepomis macrochirus mg/L LC50 static 19100 - 23900: 96 h Lepomis macrochirus mg/L LC50 flow-through 13400: 96 h Salmo gairdneri mg/L LC50 flow-through | Not Available | 3940 - 4670: 48 h Daphnia magna mg/L EC50 |

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Dispose of in accordance with federal, state and local regulations.

Contaminated Packaging: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT: Not Regulated

Proper Shipping Name: Non-Hazardous Product

15. REGULATORY INFORMATION

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory)

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

SARA 313

This product contains the following listed substances:

diethylene glycol monoethyl ether

CAS No 111-90-0 applies to R-(OCH₂CH₂)_n-OR', where n = 1, 2, or 3, R=Alkyl C7 or less, or R = Phenyl or Alkyl substituted phenyl, R' = H or Alkyl C7 or less, or OR' consisting of Carboxylic acid ester, Sulfate, Phosphate, Nitrate, or Sulfonate, Chemical Category N230

SARA 311/312 Hazard Categories

| | |
|---|-----|
| Acute Health Hazard: | Yes |
| Chronic Health Hazard: | No |
| Fire Hazard: | No |
| Sudden release of pressure hazard: | No |
| Reactive Hazard: | No |

California Proposition 65

This product does not contains Proposition 65 chemicals

16. OTHER INFORMATION

| | | | | |
|-------------|--------------------------|------------------------|----------------------------|---------------------|
| NFPA | Health Hazards: 1 | Flammability: 0 | Instability: 0 | Special: N/A |
| HMIS | Health Hazards: 1 | Flammability: 0 | Physical Hazards: 0 | |

Revision Date: 03-Jan-15

Reasons for Revision: No information available.

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