

1. IDENTIFICATION

Product Name: NANO SLIDE
Product Type and Use: Concrete Repellent
Manufactured for: GOLDEN WEST Industrial Supply
2180 Agate Ct., Simi Valley, CA 93065
Contact: Telephone: 1-805-522-1000 or 1-800-521-2601
Product Info: Telephone: 972-271-7361
Emergency Telephone: CHEMTREC® USA (800) 424-9300
Outside US +1 (703) 527-3887

2. HAZARDS IDENTIFICATION

Hazard Classification

Health Hazard(s)

Skin Irritation Category 2
Eye Irritation Category 2B
STOT-SE Category 3

Physical Hazard(s)

None

Hazard(s) not otherwise classified

None

Labeling

Signal Word: WARNING
Pictograms: Exclamation Mark

Statements of Hazard

Hazard Statements

Causes skin and eye irritation
May cause respiratory irritation

Precautionary Statements

Wear eye protection and protective gloves. Wash hands thoroughly after handling. Avoid breathing spray mist. Use only outdoors or in a well-ventilated area. Dispose of contents and container in accordance with applicable regulations.
If on skin: Wash with plenty of water. If skin irritation or rash occurs: get medical advice.
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.
If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor or poison center.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | CAS Number | Percent by Wt. |
|--|--------------|----------------|
| Nonylphenol ethoxylate | 9016-45-9 | 1-5* |
| Fatty acids, C16-18 and C18-unsatd., Me esters | 67762-38-3 | 10-15* |
| Petroleum oil (<3% DMSO extractable) | Trade Secret | 5-10 |

* Exact percentage of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General Advice: Causes skin and eye irritation. Avoid skin and eye contact. Use with adequate ventilation. Avoid breathing spray mist.

Inhalation: Remove from exposure area. Remove to fresh air. Get medical attention if discomfort develops and persists.

Skin Contact: Wipe excess from skin; remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation persists.

Eye Contact: Flush eyes with plenty of water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a physician or poison control center.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Suitable: Carbon Dioxide, Dry Chemical, and Foam

Unsuitable: Alcohol, Alcohol based solutions, any other media not listed above.

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

Unusual Fire and Explosion Hazards: Soaked rags or spill absorbents (i.e. oil dry, polypropylene socks, etc.) can cause spontaneous combustion if stored near combustibles and not handled properly. Store soaked rags or spill absorbents in approved safety containers and dispose of properly. Soaked rags may be washed with soap and water and allowed to dry in well ventilated area.

Hazardous Combustion/ Decomposition Products: Oxides of carbon

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions / Protective Equipment / Emergency Procedures: Use caution as spills may be slippery. Ensure adequate ventilation. Use personal protective equipment.

Methods and materials for containment and cleaning up: Do not flush into surface water or sanitary sewer system. Dike and contain spillage. Soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite). Use clean tools to collect absorbed material and transfer to a properly labeled container for disposal according to applicable regulations.

7. HANDLING AND STORAGE

HANDLING

Precautions for Safe Handling: Avoid skin and eye contact. Use with adequate ventilation. Avoid breathing mist. Follow all SDS/label precautions even after container is empty due to residue.

STORAGE

Conditions to avoid: Store in a cool, dry, well-ventilated place in the original container. Avoid excess heating and high temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

| Component | TLV ppm | TLV mg/m ³ | PEL ppm | PEL mg/m ³ | STEL ppm | STEL mg/m ³ |
|---------------|------------|--------------------------|------------|--------------------------|-------------|---------------------------|
| Petroleum oil | Not Est. | 5 | 10 | 5 | Not Est. | 2500 |

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protection

Respiratory Protection: None required under normal use conditions. In case of insufficient ventilation and for exposures above occupational exposure limits wear a NIOSH approved air purifying respirator with organic vapor cartridge.

Hand / Skin Protection: Wear impermeable gloves such as neoprene or nitrile rubber gloves. Gauntlets and apron may be worn depending on the extent and duration of exposure.

Eye / Face Protection: Safety glasses with side-shields. An eyewash station should be available to the area of use.

General Hygiene Measures: Avoid skin and eye contact. Always wash hands and face before eating, drinking or smoking. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|--------------------|------------------------------------|-----------------|
| Appearance: | Translucent | Autoignition Temperature: | 261°C / 502°F |
| Physical State: | Non-viscous liquid | Volatile by volume (%): | 75 |
| Odor: | Bland | Vapor Density (Air=1) : | 1 |
| Color: | Amber | Evaporation Rate (BuAc=1) : | >1 |
| Viscosity, cSt @ 40°C: | Not established | Vapor Pressure, mmHg @23°C: | 18 |
| cSt @ 104°C: | Not established | Solubility in water: | Emulsifiable |
| pH: | 8.5 | Octanol/Water Partition: | |
| Boiling Point/ Range: | 176°C / 349°F | Nonylphenol Ethoxylate | 3.7 - 4.5 Est. |
| Melting Point: | Not established | VOC Content (g/L): | <1 (<10) |
| Flash Point: | >93°C / > 200°F | Specific Gravity @ 22.2°C: | 0.89 |
| Method: | Tag Closed Cup | Pour Point: | Not established |
| Lower Explosive Limit, vol %: | Not established | Non-volatile by Volume (%): | 25 |
| Upper Explosive Limit, vol %: | Not established | Dielectric Strength (KV): | Not applicable |

10. STABILITY AND REACTIVITY

Stability: Stable at ambient temperatures.

Conditions to Avoid: Avoid high temperatures.

Hazardous Polymerization: Will not occur.

Materials to Avoid: Bases, acids, amines and oxidizing materials.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information: Not established

Ingredient Information

Nonylphenol Ethoxylate: Orl-Rat LD50 >960 mg/kg, Skn-Rbt LD50 >1883 mg/kg

Petroleum Oil: Orl-rat LD50 - >5000 mg/kg, Skn-Rbt LD50 - 2,000 mg/kg, Ihl-Rat LC50 >5 mg/L 4 h

Acute Effects

Signs and Symptoms of Overexposure: Skin and Eye Irritation, Coughing, Sneezing

Inhalation: Mist may cause respiratory irritation with nasal discomfort and discharge, coughing and sneezing.

Skin Contact: May cause irritation seen as itching and redness.

Eye Contact: Causes irritation seen as stinging, tearing and redness.

Ingestion: May cause nausea, vomiting and diarrhea.

Primary Route(s) of Exposure: Eyes, Inhalation

Primary Route(s) of Entry: Inhalation, Ingestion

Target Organs: Eyes, Skin, Lungs

Chronic Effects: In animals, effects have been reported in kidney and liver.

Carcinogenicity: Components did not cause cancer in laboratory animals.

Medical Conditions Aggravated by Exposure: May aggravate existing skin, eye and respiratory conditions such as asthma and dermatitis.

12. ECOLOGICAL INFORMATION

Product Data: Not established

Ingredient Data

For Nonylphenol Ethoxylate family of materials

Moderately toxic to fish on an acute basis (LC50 between 1 and 10 mg/L).

Fish Acute & Prolonged Toxicity: LC50, Pimephales promelas (fathead minnow), 96 h: 1.2 - 9.3 mg/l

Aquatic Invertebrate Acute Toxicity: EC50, Daphnia magna (Water flea), 48 h, immobilization: 1.6 - 10 mg/l

Toxicity to Micro-organisms: EC50; Bacteria, 16 h: > 1,000 mg/l

Persistence and Degradability: Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

OECD Biodegradation Tests: < 60 % (28 d) OECD 301B Test

Theoretical Oxygen Demand: 2.4 - 2.5 mg/mg

Bioaccumulation: Bioconcentration potential is moderate (BCF between 100 and 3000 or Log Pow between 3 and 5).

Partition coefficient, n-octanol/water (log Pow): 3.7 - 4.5 Estimated.

Bioconcentration Factor (BCF): 7 - 110; Fish; Estimated.

Elimination Information: Mobility in soil: No relevant data found.

13. DISPOSAL CONSIDERATIONS

Product: Dispose of in accordance with applicable regulations.

Container: Empty remaining contents. Empty containers should be taken for local recycling, recovery or waste disposal. Empty containers may contain residues. Do not cut, weld or grind empty containers.

14. TRANSPORT INFORMATION

Road Transport

DOT Hazard Class: Non-Hazardous/ Non-Restricted

Sea Transport

IMDG/GGV See Class: Non-Hazardous/ Non-Restricted

Air Transport

ICAO/IATA Class: Non-Hazardous/ Non-Restricted

15. REGULATORY INFORMATION

U.S. Federal Regulations

Toxic Substances Control Act (TSCA): All components are included on the Inventory

Superfund Amendments and Reauthorization Act (SARA) Title III:

| Immediate Hazard | Delayed Hazard | Fire Hazard | Pressure Hazard | Reactivity Hazard |
|------------------|----------------|-------------|-----------------|-------------------|
| Yes | No | No | No | No |

16. OTHER INFORMATION

Prepared by: GOLDEN WEST Industrial Supply Technical Services Department

Issue Date: 9/20/2017

Supersedes Date: Not applicable

Revision Indicator: v1.0

New OSHA 2012 SDS

National Fire Protection Association (704)

Health: 1

Flammability: 1

Reactivity: 0

Other:

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damage incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical and application of such products is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the sole responsibility of the user to comply with all applicable Federal, State and Local Laws and Regulations. Any questions with regards to information contained herein should be referred to: GOLDEN WEST Industrial Supply