

SAFETY DATA SHEET

D-Markable Orange

Date Prepared: May 13, 2014

Date Revised: June 16, 2015

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company Identification: Wayne Concept
5005 Speedway Drive
Fort Wayne, IN 46825
Phone: (260)482-8615

24 Hour Emergency Telephone Number: INFOTRAC: (800)535-5053

Product Use:

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Color:	Orange
Physical State:	Liquid
Appearance:	Clear
Odor:	Citrus odor
Signal Word:	CAUTION
GHS Classification:	Acute (oral) Toxicity; Cat. 5 Acute (dermal) Toxicity; Cat. 3 Severe Eye Damage/Irritation; Cat. 2A Skin Corrosion/Irritation; Cat. 2



MAJOR HEALTH HAZARDS: Skin and eye irritant.

PRECAUTIONARY STATEMENTS: Keep only in original container. Wear protective gloves, protective clothing, eye, and face protection. Do not breathe mist. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

POTENTIAL HEALTH EFFECTS:

D-Markable Orange

Inhalation: Vapors may be irritating to nose, throat and lungs.

Skin contact: Skin irritant. Prolonged exposure to concentrate may cause redness and irritation.

Eye contact: Eye irritant. Liquid and mists from concentrate may damage the eyes causing corneal injury.

Ingestion: Irritating to the mouth, throat and gastrointestinal system.

See Section 11: TOXICOLOGICAL INFORMATION

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	%	CAS Number
Sodium xylene sulfonate	1 - 5	1300-72-7
Ethylene glycol monobutyl ether	5 - 10	111-76-2
Nonylphenol ethoxylate	1 - 5	9016-45-9
Coco diethanolamide	1 - 5	None
Benzenesulfonic acid, mono-C10-16 -alkyl derivs., sodium salt	1 - 5	68081-81-2
Citrus terpenes	8 - 12	5989-27-5
Isopropylamine alkylbenzenesulfonic	1 - 5	68649-00-3

4. FIRST AID MEASURES

INHALATION: If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. If breathing is difficult, oxygen should be administered by qualified personnel. If respiration or pulse has stopped, have a trained person administer Basic Life Support (Cardio-Pulmonary Resuscitation and/or Automatic External Defibrillator) and CALL FOR EMERGENCY SERVICES IMMEDIATELY.

SKIN CONTACT: Immediately flush contaminated areas with water. Remove contaminated clothing, jewelry, and shoes immediately. Wash contaminated areas with soap and water. Thoroughly clean and dry contaminated clothing and shoes before reuse. GET MEDICAL ATTENTION IMMEDIATELY.

EYE CONTACT: Immediately flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissues. Washing eyes within several seconds is essential to achieve maximum effectiveness. GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION: Never give anything by mouth to an unconscious or convulsive person. If swallowed, do not induce vomiting. Give large amounts of water. If vomiting occurs spontaneously, keep airway clear. Give more water when vomiting stops. GET MEDICAL ATTENTION IMMEDIATELY.

Notes to Physician: The absence of visible signs or symptoms of burns does NOT reliably exclude the presence of actual tissue damage.

5. FIRE-FIGHTING MEASURES

Fire Hazard: Negligible fire hazard.

Extinguishing Media: Use media appropriate for surrounding fire.

Fire Fighting: Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

Sensitivity to Mechanical Impact: Not sensitive.

Sensitivity to Static Discharge: Not sensitive.

Flash point: Not flammable

6. ACCIDENTAL RELEASE MEASURES

Occupational Release: Shovel dry material into suitable container. Flush spill area with water, if appropriate. Liquid material may be removed with a vacuum truck. Wet material is slippery under foot. Keep out of water supplies and sewers. This material is alkaline and may raise the pH of surface waters with low buffering capacity. Releases should be reported, if required, to appropriate agencies. Wear appropriate personal protective equipment recommended.

7. HANDLING AND STORAGE

Storage Conditions: Store and handle in accordance with all current regulations and standards. Keep container tightly closed and properly labeled. Do not store in aluminum container or use aluminum fittings or transfer lines, as flammable hydrogen gas may be generated. Keep separated from incompatible substances.

Handling Procedures: Avoid creation of mist. Avoid breathing mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Recommended Exposure Limit(s): As listed below

Ethylene glycol monobutyl ether: ACGIH TWA; 20 ppm

Citrus terpenes: AIHA Standard 8h TWA; 30 ppm

ENGINEERING CONTROLS: Provide local exhaust ventilation where dust or mist may be generated. Ensure compliance with applicable exposure limits.

PERSONAL PROTECTIVE EQUIPMENT:

Eye Protection: Wear safety glasses with side-shields. If eye contact is likely, wear chemical resistant safety goggles. When wet mixing, wear splash resistant safety goggles with a faceshield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin and Body Protection: Wear protective clothing to minimize skin contact. When potential for contact with wet material exists, wear Tychem® or similar chemical protective suit. When potential for contact with dry material exists, wear disposable coveralls suitable for dust exposure, such as Tyvek®.

Hand Protection: Wear appropriate chemical resistant gloves.

Protective Material Types: Butyl rubber, Natural rubber, Neoprene, Nitrile, Tychem®, Tyvek®

Respiratory Protection: A NIOSH approved respirator with N95 (dust, fume, mist) cartridges may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits, or when symptoms have been observed that are indicative of overexposure. A respiratory protection program that meets 29 CFR 1910.134 must be followed whenever workplace conditions warrant use of a respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Clear
Color:	Orange
Odor:	Citrus odor
Vapor Density (air=1):	Not determined
Boiling Point/Range:	210°F
Melting Point/Range:	Not determined
Vapor Pressure:	Not determined
Specific Gravity (water=1):	0.999 ±0.005
Density:	8.31 lbs./gal.
Water Solubility:	Complete
pH:	11.8 – 12
VOC:	Not determined
Flash point:	Not flammable

10. STABILITY AND REACTIVITY

Reactivity/ Stability: Stable at normal temperatures and pressures. Prolonged contact with incompatible metals may produce flammable hydrogen gas.

Conditions to Avoid: Contact with acids will cause evolution of heat. Carbon monoxide gas may form upon contact with reducing sugars, food and beverage products in enclosed spaces.

Incompatibilities/ Materials to Avoid: Acids, Prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive metals or alloys

Hazardous Decomposition Products: None known.

Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

IRRITATION DATA:

TOXICITY DATA:

Component	LD50 Oral:	LC50 Inhalation:	LD50 Dermal:
Sodium xylene sulfonate	>5 g/kg (Rat)	-----	>2 g/kg (Rabbit)
Ethylene glycol monobutyl ether	1.2 g/kg (Guinea pig)	>633 ppm; 1h (Guinea pig)	400-500 mg/kg (Rabbit)
Benzenesulfonic acid, sodium salt	1260 mg/kg (Rat)	-----	-----
Citrus terpenes	>5 g/kg (Rabbit)	>1 g/kg (Mouse)	-----

CHRONIC TOXICITY:

CARCINOGENICITY: This product is not classified as a carcinogen by NTP, IARC or OSHA.

MUTAGENIC DATA: No data found.

12. ECOLOGICAL INFORMATION

ECOTOXICITY DATA:

Component:

Nonylphenol ethoxylate

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Water polluting material. May be harmful to the environment if released in large quantities.

FATE AND TRANSPORT:

BIODEGRADATION: This material is inorganic and not subject to biodegradation.

BIOCONCENTRATION: This material is not expected to bioconcentrate in organisms.

ADDITIONAL ECOLOGICAL INFORMATION: This material has exhibited slight toxicity to terrestrial organisms.

13. DISPOSAL CONSIDERATIONS

Reuse or recycle if possible. Dispose in accordance with all applicable regulations. May be subject to disposal regulations: U.S. EPA 40 CFR 261. Hazardous Waste Number(s): D002 (Corrosive).

14. TRANSPORT INFORMATION

DOT/IMDG/IATA Hazard Classification: Non-Hazardous, not regulated
Hazardous: N
Shipping Name: LIQUID CLEANING COMPOUNDS
Freight Class: 55

15. REGULATORY INFORMATION

U.S. REGULATIONS

- **OSHA REGULATORY STATUS:**
This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
- **CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4):** Not regulated.
- **EPCRA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30):**
Not regulated
- **EPCRA SECTIONS 311/312 HAZARD CATEGORIES (40 CFR 370.10):**
Acute Health Hazard
- **EPCRA SECTION 313 (40 CFR 372.65):**
Ethylene glycol monobutyl ether 111-76-2
- **OSHA PROCESS SAFETY (PSM) (29 CFR 1910.119):** Not regulated

NATIONAL INVENTORY STATUS

- **U.S. INVENTORY STATUS: Toxic Substance Control Act (TSCA):** All components are listed or exempt
- **TSCA 12(b):** This product is not subject to export notification
- **Canadian Chemical Inventory:** All components of this product are listed on either the DSL or the NDSL

STATE REGULATIONS

California Proposition 65: This product is not listed, but it may contain impurities/trace elements known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act. For additional information, contact OxyChem Customer Service.

Components	
California Proposition 65 Cancer WARNING:	Not Listed
California Proposition 65 CRT List - Male reproductive toxin:	Not Listed
California Proposition 65 CRT List - Female reproductive toxin:	Not Listed
Massachusetts Right to Know Hazardous Substance List	Not Listed
New Jersey Right to Know Hazardous Substance List	Glycol ether EB
New Jersey Special Health Hazards Substance List	Not Listed
New Jersey - Environmental Hazardous Substance List	Not Listed
Pennsylvania Right to Know Hazardous Substance List	Glycol ether EB
Pennsylvania Right to Know Special Hazardous Substances	Not Listed
Pennsylvania Right to Know Environmental Hazard List	Not Listed
Rhode Island Right to Know Hazardous Substance List	Not Listed

CANADIAN REGULATIONS

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations

WHMIS Classifications of Substances:

- E - Corrosive material

16. OTHER INFORMATION

HMIS: (SCALE 0-4) (Rated using National Paint & Coatings Association HMIS: Rating Instructions, 2nd Edition)

Health: 2 **Flammability:** 0 **Reactivity:** 0
Personal Protection: B

NFPA 704 - Hazard Identification Ratings (SCALE 0-4)

Health: 2 **Flammability:** 0 **Reactivity:** 0

IMPORTANT:

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OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Safety Data Sheet available to your employees.

End of Safety Data Sheet