

Dizzolve Brush Cleaner & Conditioner SDS

This Safety Data Sheet complies with the United States Occupational Safety and Health Administration (OSHA) and Global Harmonized System of Classification and Labeling of Chemicals (GHS) hazard communication standard.

SECTION I – PRODUCT AND SUPPLIER IDENTIFICATION

General Product Name	Dizzolve Brush Cleaner & Conditioner
Manufacturer	O'Brien Products 327 Sunnyslope Avenue Petaluma, CA 94952 707.975.3766

SECTION II – HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION – Not Applicable. This product is not a hazardous substance or mixture.

SIGNAL WORD – “Warning”

PICTOGRAM – Not Applicable

Routes of Entry:

INHALATION

HAZARD STATEMENT - Negligible unless heated to produce vapors. Vapors or finely misted materials may cause irritation and inflammation of mucous membranes. Decomposition fumes may be hazardous. Avoid inhaling vapors, decomposition fumes, or finely misted material.

EYE CONTACT

HAZARD STATEMENT - May cause irritation. Avoid contact with eyes.

SKIN CONTACT

HAZARD STATEMENT - Prolonged or repeated contact is not likely to produce significant skin irritation.

Thermal burns are possible if material is hot.

INGESTION

HAZARD STATEMENT - No hazards anticipated from ingestion incidental to industrial exposure. May cause nausea.

PRECAUTIONARY STATEMENT – Dizzolve-soaked rags or absorbents can cause spontaneous combustion if stored near combustibles and not handled properly. Store Dizzolve-soaked rags or absorbents in approved safety containers and dispose of properly.

SECTION III – CHEMICAL COMPOSITION

Proprietary

SECTION IV – FIRST AID MEASURES

Seek medical attention if symptoms persist.

EYES

Irrigate eyes with a heavy water stream for at least 15 minutes.

SKIN

Wash exposed area with soap and water.

INHALATION

Remove to fresh air.

INGESTION

Give one or two glasses of water to drink. Never give anything by mouth to an unconscious person.

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SECTION V – FIRE FIGHTING MEASURES

This material will burn although it is not easily ignited.

Flash Point	>284° F (140° C) – ASTM D93	Lower explosion Limit:	ND
	COMBUSTIBLE LIQUID	Sensitivity to Impact:	Low
Auto ignition temperature	ND	Sensitivity to Static Discharge:	Low
Extinguishing Media		Dry chemical, foam, clean agent, CO2, water spray (mist). Water stream may splash the burning liquid and spread fire.	
Special Firefighting procedure		Use water spray to cool containers exposed to fire.	
Unusual Fire Hazard		Dizzolve-soaked rags or absorbents can cause spontaneous combustion if stored near combustibles and not handled properly. Store Dizzolve-soaked rags or absorbents in approved safety containers and dispose of properly.	



NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD INDEX:

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
SPECIAL HAZARDS	

SECTION VI – ACCIDENTAL RELEASE MEASURES

Remedial Measures Remove sources of ignition, contain spill to smallest area possible. Stop leak; use absorbent material. Wash hard surfaces with safety solvent or detergent to remove oil film to eliminate slipping hazards.

Personal Protection Wear appropriate PPE when responding to a release. See Section VIII.

Environmental Precautions Contain release to prevent further contamination of soil, surface water or groundwater. Dizzolve will create a sheen on water. Keep in suitable, closed containers for disposal.

Disposal Where feasible and appropriate, remove contaminated soil. Dispose of contaminated materials in a manner consistent with applicable regulations.

Reporting U.S. regulations require reporting spills of this material that could reach any surface waters.

SECTION VII – HANDLING AND STORAGE

Handling Procedures No smoking or open flame in storage, use or handling areas.

Storage Store in closed containers. Keep away from oxidizing agents, excessive heat, and ignition sources. Store in well-ventilated areas. Avoid storage for prolonged periods of time.

Material compatibility, metals: Brass, bronze, copper, lead, tin, and zinc may accelerate the oxidation of

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Dizzolve and potentially create insolubles (sediments) or gels and salts when reacted with some components. Lead solders and zinc linings should be avoided, as should copper pipes, brass regulators, and copper fittings. Affected equipment should be replaced with stainless steel, carbon steel, or aluminum.

Material compatibility, polymers: Dizzolve will degrade, soften, or seep through some hoses, gaskets, seals, elastomers, glues, and plastics with prolonged exposure. Nitrile rubber compounds, polypropylene, polyvinyl, and Tygon materials are particularly vulnerable to Dizzolve. Materials such as Teflon, Vinton, fluorinated plastics, and Nylon are generally compatible with Dizzolve.

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION EQUIPMENT

Engineering Controls In confined areas, local and general ventilation should be provided.

Respiratory protection If mists are generated, wear a NIOSH-approved particulate respirator.

Skin protection Nitrile gloves are recommended to prevent skin contact.

Eye and Face protection Safety glasses, goggles, or face shields are recommended to protect eyes and face from splash hazards.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point >200 C (1 atm) Appearance Clear to dark orange liquid

Specific Gravity 0.87 – 0.89 Odor Mild, oily/fatty

Vapor Density >1 (Air = 1) Odor Threshold ND

Evaporation Rate <1 (Butyl acetate = 1) Solubility in water Negligible

Vapor Pressure >2 mmHg pH Not applicable

Appearance Clear to dark orange liquid

Odor Mild, oily/fatty

Odor Threshold ND

Solubility in water Negligible

pH Not applicable

SECTION X - STABILITY AND REACTIVITY

General This product is stable and hazardous polymerization will not occur.

Incompatible Materials Strong oxidizing agents.

Hazardous combustion products Combustion produces carbon monoxide, carbon dioxide, products of incomplete combustion, including particulates and thick smoke.

SECTION XI - TOXICOLOGICAL INFORMATION

Oral Albino rats treated with Dizzolve 50% or 20% blends of Dizzolve resulted in no lethalties, and LD50 values were reported to be greater than the highest dose used, 5000 mg/kg.

Dermal Albino rats (males and females) were treated one time (for 24 hours) via dermal exposure with 100% Dizzolve, resulting in no lethalties, and LC50 values were reported to be greater than the single dose used, 2000 mg/kg. Very slight to slight erythema (skin reddening/irritation) was noted for all animals.

SECTION XII -ECOLOGICAL INFORMATION

Aquatic The 48 hour LC50 value for Dizzolve in rainbow trout was in the range of 2.8-4.6 ug/L.

For Daphnia magna, 48 hour LCSO's for 100% Dizzolve were reported to be 99, 23, 332, and cl.43 ppm, respectively.

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Biodegradability Dizzolve undergoes fast biodegradation, with a faster rate under aerobic conditions (100% degradation in 7 days) than anaerobic conditions (100% degradation in 14 days).

SECTION XIII - DISPOSAL INFORMATION

Review federal, provincial or state, and local government requirements prior to disposal. Store material for disposal as indicated in Section "Handling and Storage". Disposal by controlled incineration or by secure land fill may be acceptable.

SECTION XIV - TRANSPORT INFORMATION

UN Hazard Class NA

SECTION XV - REGULATORY INFORMATION

OSHA Status

TSCA Status

This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, thermal processing and decomposition fumes may be hazardous.

CERCLA (Comprehensive Response Compensation and Liability Act): Not reportable

SARA TITLE III (Superfund Amendments and Reauthorization Act):

Section 312 Extremely Hazardous Substances: None

Section 311/312 Hazard Categories: Non-hazardous under section 311/312

Section 313 Toxic Chemicals: None

RCRA Status:

If discarded in its purchased form, this product would not be a RCRA-hazardous waste either by listing or by characteristic. However, under RCRA it is the responsibility of the product user to determine whether a material containing the product or derived from the product should be classified as hazardous waste.

CALIFORNIA PROPOSITION 65:

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. While Dizzolve is not listed in the list of chemicals in Proposition 65, this product can contain up to 0.01% of methanol, which is listed as a chemical known to the State of California to cause cancer, birth, or any other reproductive defects.

SECTION XVI - OTHER

Preparation Date: June 11, 2015

Disclaimer: The information above is believed to be accurate and represents the best information currently available to us. Users should make their own investigations to determine the suitability of the information for their particular purposes. This document is intended as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. Accordingly, O'Brien Distributing will not be responsible for damages resulting from use of or reliance upon this information.