



Safety Data Sheet

Issue Date: 01-Jan-2012

Revision Date: 01-Jul-2016

Version 2

1. IDENTIFICATION

Product identifier

Product Name GlobalTech® AquaSonic® Aqueous Cleaner for Surface Mount Applications

Other means of identification

Product Code JNJ-023

Product Code SMA

Recommended use of the chemical and restrictions on use

Recommended Use Technical cleaning agent.

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
INFOTRAC 1-352-323-3500 (International)
1-800-535-5053

Phone Number

2. HAZARDS IDENTIFICATION

Classification

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122).

Emergency Overview

GHS Classification:

Physical Hazards - Not classified as hazardous.

Health Hazards - None known.

Environmental Hazards - No Data Available

GHS Labeling: None

Label Elements:

Signal Word - None

Hazard Statements - Not Classified

Precautionary Statements: None known.

This is not a dangerous substance or mixture according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

EMERGENCY OVERVIEW

Appearance Clear

Physical State Liquid

Odor Mild

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name	Chemical Name	CAS No.	EINECS No.	Weight %
1-(2-Butoxy-1-methylethoxy)-2-propanol	2-Propanol, 1-(2-butoxy-1-methylethoxy)-	29911-28-2	249-957-5	30 - 50
Poloxalene	Oxirane, 2-methyl-, polymer with oxirane	9003-11-6	618-355-0	40 - 60

4. FIRST AID MEASURES

FIRST AID MEASURES

Eye contact	Flush eyes with clean water for 15 minutes. If irritation persists, seek medical attention.
Skin contact	In case of skin contact, wash thoroughly with soap and water.
Inhalation	Remove person to fresh air and keep at rest in a comfortable position for breathing. See a physician if breathing difficulty persists.
Ingestion	Keep respiratory tract clear. Do Not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention or contact a poison control center for advice.

5. FIRE-FIGHTING MEASURES

<u>Suitable extinguishing media</u>	Water fog or spray, Foam, Dry Powder, Carbon Dioxide (CO ₂).
<u>Unsuitable extinguishing media</u>	If water must be used, use as a spray only to lower temperature.
<u>Hazardous decomposition products</u>	FROM FIRE: Smoke, carbon dioxide and carbon monoxide.
<u>Special protective equipment</u>	Self-contained positive pressure breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.
<u>Precautions for firefighters</u>	May cause eye or skin irritation.
<u>Unusual fire and explosion hazards</u>	Containers may explode from internal pressure if confined to fire. Cool with water. Keep unnecessary people away. Exercise care when disposing of rags contaminated with the product. Use normal precautions appropriate for oily rags.

6. ACCIDENTAL RELEASE MEASURES

<u>Protective measures</u>	If this material is released into the work area, clean the area immediately. Wear appropriate personal protective equipment when cleaning up spills.
<u>Environmental precautions</u>	Do not discharge into lakes, streams, ponds or public waters.
<u>Spill management</u>	Exercise caution. Eliminate potential sources of ignition. Use spark-proof tools and explosion-proof equipment. Dike and contain spill. Small spills may be absorbed by sand or oil-absorbing materials. Large spills should be collected by pumping into closed containers for recovery or disposal.

7. HANDLING AND STORAGE

<u>Precautions for safe handling</u>	Wear chemical safety glasses or goggles and chemically resistant gloves. A chemically resistant apron may be used to protect clothing.
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A respirator may be worn to prevent breathing spray mists or heated fumes. Take precautionary measures against static discharges.

Conditions for safe storage

No smoking. Store in original container, preferably in a cool, ventilated, fire-resistant building. Avoid heat, sparks, and open flames. Empty containers may retain product residues (vapor, liquid, or solid) all label precautions must be observed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Exposure limits</u>	None known
<u>Appropriate engineering controls</u>	Use in a well-ventilated area.
Ventilation	Mechanical ventilation may be necessary at elevated temperatures to control odors.
<u>PPE</u>	Consistent with good occupational hygiene practices, personal protective equipment (PPE) should be used in conjunction with other control measures, including engineering controls, ventilation and isolation. See also section 5 (Fire-fighting measure) of the SDS for specific fire/chemical PPE advice.
Respiratory protection	A respirator is not normally required. If vapor concentration is high, use a NIOSH approved organic vapor respirator or a properly fitted, air-purifying or air-fed respirator complying with an approved standard.
Eye protection	Wear chemical safety glasses, goggles or face shield. Provide eye bath near work site.
Skin protection	Wear chemically resistant rubber gloves and apron to minimize exposure.
Personal hygiene measures	When using do not eat or drink. Wash hands and other exposed areas of skin with soap and water after handling the material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Odor	Mild
Appearance	Clear		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	Not applicable		
Melting point/freezing point	Not determined		
Boiling point (initial)	Not determined		
Flash point	> 105.56 °C > 222 °F		
Evaporation rate (BUAC=1)	Not determined		
Flammability (solid, gas)	Not determined		
Flammability limits (% by volume in air)	Not determined		
Vapor pressure	Not determined		
Relative vapor density (Air=1)	Heavier than air		
Relative density	0.99 @ 25°C		
Water Solubility	Soluble in water		
Partition coefficient: n-octanol/water	Not determined		
Autoignition Temperature	Not determined		
Decomposition temperature	Not determined		
Viscosity	Not determined		

10. STABILITY AND REACTIVITY

<u>Reactivity</u>	Not determined
<u>Chemical stability</u>	Product is stable and not reactive under conditions of normal use.
<u>Hazardous Polymerization</u>	Hazardous polymerization will not occur.
<u>Conditions to Avoid</u>	Prolonged or excessive heat and/or exposure to air may cause non-hazardous decomposition and/or oxidation.
<u>Incompatible materials</u>	May react with strong acids, bases and oxidizing agents.
<u>Hazardous decomposition products</u>	Incomplete decomposition may produce carbon monoxide. Ultimate decomposition products are carbon dioxide and water.

11. TOXICOLOGICAL INFORMATION

Target organs	Eyes.
Likely routes of exposure	Eye/skin contact.
Medical conditions aggravated by overexposure	No known conditions.
Symptoms related to overexposure	Prolonged exposure may cause skin irritation and/or sensitization.

11.1 Relevant Hazards	
11.1 (a) Acute toxicity	CAS 29911-28-2 Dermal (rat) LD ₅₀ = > 2,000 gm/kg Oral (rat) LD ₅₀ = 37,000 mg/kg CAS 9003-11-6 Oral (rat) LD ₅₀ = > 5,000 gm/kg
11.1 (b) Dermal contact	Components are not designated as dermal irritants.
11.1 (c) Eye contact	Contact with the undiluted material may cause eye irritation.
11.1 (d) Respiratory or Skin sensitization	No known significant effects or critical hazards
11.1 (e) Germ cell mutagenicity	Not determined for the mixture.
11.1 (f) Carcinogenicity	No component of the product is listed as carcinogenic by IARC, ACGIH, and NTP. For one component (CAS9003-11-6), the Manufacturer SDS lists that: CA Prop. 65: WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. This may be because of the potential for trace levels of 1,4-dioxane and ethylene oxide.
11.1 (g) Reproductive toxicity	Not believed to be toxic to reproduction. Based on contribution from components; Component CAS 9003-11-6 from manufacturer's SDS Not determined. Component CAS 29911-28-2 from manufacturer's SDS No toxicity to reproduction.
11.1 (h) STOT – single exposure	Not determined.
11.1 (i) STOT repeated exposure	Not determined.
11.1 (j) Aspiration Hazard	Not determined to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

The product is not believed to be toxic to aquatic organisms based on the components.

Toxicity Not calculated to be a marine pollutant due to contribution from components;

Component CAS 9003-11-6 from manufacturer's SDS
Leuciscus idus 96Hr LC₅₀ > 100 mg/L
 Aquatic invertebrates 48 Hr EC₅₀ > 100 m/L
 Aquatic plants 96 Hr EC₅₀ > 100 mg/L

Component CAS 29911-28-2 from manufacturer's SDS
 No determined.

Persistence and degradability Not determined for mixture.
 For component CAS 9003-11-6
 Readily biodegradable (manufacturer's SDS)
 For component CAS 29911-28-2
 Not determined (manufacturer's SDS).
 Similar compounds are readily biodegradable.

Anticipated to be readily biodegradable but the mixture has not been tested.

Bio accumulative potential Not determined.

Mobility in Soil Not determined.

Other adverse effects Not determined.

13. DISPOSAL CONSIDERATION

Disposal method Dispose of this material at a local, state or federally approved landfill, incinerator or recovery facility. User must determine proper disposal method and classification when material is declared a waste.

Safe handling of wastes Refer to Section 8 for information pertaining to personal protective equipment and exposure controls when handling this material for disposal.

14. TRANSPORT INFORMATION

US DOT Not subject to DOT's HMR as it is non hazardous.
ICAO/IATA Not subject to IATA as it is non hazardous.
IMO/IMDG Not subject to IMDG as it is non hazardous.
Shipping Label None

15. REGULATORY INFORMATION

Chemical Inventories Status USA Federal & State Information: Not hazardous

USA	Compliant	Australia	Not determined.	China	Not determined.
Canada	Not determined.	Japan	Not determined.		
European Community	Not determined.	Korea	Not determined.		
		Philippines	Not determined.		

16. OTHER INFORMATION

Risk phrases

R36 - Irritating to eyes

Safety phrases

S25 - avoid contact with eyes

S26 - in case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Abbreviations & Acronyms: STOT Specific Target Organ Toxicity

References and Sources for data

US EPA ACToR: Aggregated Computational Toxicology Resource (<http://actor.epa.gov/actor/>)

NIH TOXNET (<http://toxnet.nlm.nih.gov>)

RTECS - Register of Toxic Effects of Chemical Substances

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Revision Note	Technical Information Updated

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 SDS