

Bac-Stop

SECTION 1. IDENTIFICATION

Product Identifier Bac-Stop
Product Family Disinfectant
Manufacturer Easy Way, 10 Housers Lane, Woodstock, Ontario, N4S 7V9, 1-800-265-9205 / 519-537-7711, www.easyway.ca
Emergency Phone No. CANUTEC , 613-996-6666, 24 Hours
SDS No. 0263
Date of Preparation May 25, 2017

SECTION 2. HAZARD IDENTIFICATION

Classification

Skin corrosion - Category 1C; Eye irritation - Category 2A

Label Elements



Danger

Causes severe skin burns and eye damage.

Wash hands and skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Nonylphenol ethoxylate	127087-87-0	1-5		
Sodium Metasilicate	6834-92-0	1-5		
Tetrapotassium pyrophosphate	7320-34-5	1-5		

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. If skin irritation occurs, get medical advice or attention.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion

Rinse mouth with water. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Immediately call a Poison Centre or doctor.

First-aid Comments

If exposed or concerned, get medical advice or attention.

Most Important Symptoms and Effects, Acute and Delayed

Symptoms may develop hours after exposure.

Immediate Medical Attention and Special Treatment

Target Organs

Blood, eyes, liver, respiratory system, skin.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder or appropriate foam.

Specific Hazards Arising from the Product

In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides; corrosive phosphorous oxides.

Special Protective Equipment and Precautions for Fire-fighters

Firefighters should wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Dike spilled product to prevent runoff. Contain and soak up spill with absorbent that does not react with spilled product. Contact emergency services and manufacturer/supplier for advice.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Prevent accidental contact with incompatible chemicals. Keep containers tightly closed when not in use or empty.

Conditions for Safe Storage

Store at temperatures not exceeding: 49°C (120°F) separate from incompatible materials (see Section 10: Stability and Reactivity).

Store in the original, labelled, shipping container.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL [C]	TWA	Ceiling
Sodium Metasilicate	10 mg/m3			
Tetrapotassium pyrophosphate	Not established		Not established	

Appropriate Engineering Controls

The hazard potential of this product is relatively low. General ventilation is usually adequate. Provide eyewash in work area, if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear suitable protective clothing. Wear protective gloves.
Nitrile rubber, natural rubber, polyvinyl alcohol.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Orange liquid.
Odour	Citrus
pH	13.0 - 13.5 (100% solution)
Melting Point/Freezing Point	Not available (freezing)
Flash Point	Not available
Relative Density (water = 1)	1.077
Solubility	Soluble in all proportions in water

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

High temperatures. Incompatible materials.

Incompatible Materials

Oxidizing agents (e.g. peroxides), strong acids (e.g. hydrochloric acid).

Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides; corrosive phosphorous oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Nonylphenol ethoxylate		2590 mg/kg (rat)	2830 mg/kg (rabbit)

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Sodium Metasilicate		1153 mg/kg	
Tetrapotassium pyrophosphate		> 1000 mg/kg (rat)	> 4640 mg/kg (rabbit)

LC50: No information was located.

Skin Corrosion/Irritation

There is limited evidence of moderate or severe irritation.
Symptoms include pain, redness, and swelling.

Serious Eye Damage/Irritation

Causes serious eye irritation based on skin irritation information.
There is limited evidence of serious eye damage.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May be harmful
nose and throat irritation.

Skin Absorption

May be harmful.

Ingestion

Harmful
irritation of the mouth, throat and stomach.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

May cause damage to organs
Blood. Eyes. Liver. Respiratory system. Skin.

Respiratory and/or Skin Sensitization

Preexisting disorders may be aggravated by exposure to this material;skin, lung (asthma-like conditions).

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Nonylphenol ethoxylate	Not Listed	Not designated	Not Listed	Not Listed
Sodium Metasilicate	Not Listed	Not designated	Not Listed	Not Listed
Tetrapotassium pyrophosphate	Not Listed	Not designated	Not Listed	Not Listed

Not known to cause cancer.

Reproductive Toxicity

Development of Offspring

Animal studies show effects on the offspring. (Nonylphenol ethoxylate)

Germ Cell Mutagenicity

Not known to be a mutagen.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life.

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea
Nonylphenol ethoxylate	3.8-6.2 mg/L (Pimephales promelas (fathead minnow); 96-hour)	9.3-21.4 mg/L (Daphnia magna (water flea); 48-hour)
Sodium Metasilicate	210 mg/L (Brachydanio rerio (zebra fish); 96-hour; semi-static)	

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Persistence and Degradability

Does not degrade rapidly based on half-life measurements. (Nonylphenol ethoxylate)

Bioaccumulative Potential

This product or its degradation products have the potential to bioaccumulate based on the fish bioconcentration factor (BCF).

Mobility in Soil

No information was located.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal Methods**

Dispose of contents and container in accordance with local, regional, national and international regulations.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1903	Disinfectant, liquid, corrosive n.o.s. (sodium metasilicate) (Sodium Metasilicate)	8	III

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION**Safety, Health and Environmental Regulations**

WHMIS Exempt - registered product - (DIN 00493236).

Canada**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

Listed on the DSL.

USA**Toxic Substances Control Act (TSCA) Section 8(b)**

Listed on the TSCA Inventory.

SECTION 16. OTHER INFORMATION

NFPA Rating **Health - 3** **Flammability - 0** **Instability - 0**

SDS Prepared By Easy Way

Phone No. 1-800-265-9205

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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. Such information is only given as a guidance to help the user handle, use, process, store, transport, dispose, and release the product in satisfactory safety conditions and is not to be considered as a warranty or quality specification. The information only relates to the designated specific product and may not be applicable if such product is used in combination with other materials or in any other manufacturing process, unless otherwise specifically indicated. It does not release the user from ensuring he is in conformity with all regulations linked to its activity.

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