



HMIS	
Health Hazard	1
Fire Hazard	0
Reactivity	0

This SDS is in accordance with US 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) or the Canadian Workplace Hazardous Material Information System (WHMIS 2015)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	TRIAX Scrubinator
Recommended Use	Hand Scrub and Cleaner
Manufactured by:	TRIAX LLC 1405 S Belt Line RD, Suite 200, Coppell, TX 75019 Phone: 214-897-6533
Emergency Telephone Number	CHEMTREC 1 (800) 424-9300 International: +011(703) 527-3887

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	Yellow Gritty Paste	Physical State	Viscous Paste	Odor	Pleasant
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Hazard statements

Non Hazmat

Precautionary Statements Keep out of reach of children

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Toxicity
Water	7732-18-5	Low
Polyoxyethylene Nonylphenol	9016-45-9	Low
Dodecylbenzenesulfonic Acid	27176-87-0	Low
Triethanolamine	102-71-6	Low
Glycerin	56-81-5	Low
Aldehyde	9028-88-0	Low
Benzyl Acetate	140-11-4	Low
Alcohol	64-17-5	Low
Methylchloroisothiazolinone	26172-55-4	Low
Pangel S9	63800-37-3	Low
Pumice	1332-09-8	Low
Perlite	130885-09-5	Low

4. FIRST-AID MEASURES

Eye Contact	Immediately flush eyes with cold water for several minutes while lifting upper and lower eyelids, remove contact lenses if present and easy to do without injury to the eye and continue rinsing, If irritation persists seek medical aid
Skin Contact	Wash skin with water.
Inhalation	Not Applicable
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel, rinse mouth with water, and drink small quantities of water, Call a physician, or poison control center, and seek medical aid, If victim feels nauseous stop drinking, If vomiting occurs, keep head below hips to prevent aspiration into the lungs
Important Effects	None
Important Symptoms	None

5. FIRE-FIGHTING MEASURES

Extinguishing Media	Not flammable. Use extinguishing media for surrounding fire
Explosion Hazard	Not applicable
Hazardous Decomposition	Burning or thermal decomposition can produce, carbon dioxide, carbon monoxide
Protective Equipment	Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear.
NFPA	Health Hazard 1 Flammability 0 Stability 0 Physical and Chemical Hazards -

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid slipping on spilled product
Emergency Procedures	Warn personnel of spill, can be slippery
Protective Equipment	Non required
Containment	Use rags or towels to prevent spill from spreading
Clean Up Procedures	Use wet vacuum or mop and wringer to pick up spilled material then mop area with clean water
Disposal	Dispose of material in accordance with all State and Federal Guidelines and Regulations.

7. HANDLING AND STORAGE

Handling	Avoid eye contact
Storage	KEEP OUT OF REACH OF CHILDREN. Store in a closed container
Incompatible Materials	Incompatible with oxidizing agents, reducing agents, strong acids, strong bases

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Water	None Established	-	-
Polyoxyethylene Nonylphenol	None Established	-	-
Dodecylbenzenesulfonic Acid	None Established	-	-
Triethanolamine	None Established	-	-
Glycerin	None Established	-	-
Aldehyde	None Established	-	-
Benzyl Acetate	None Established	-	-
Alcohol	None Established	-	-
Methylchloroisothiazolinone	None Established	-	-
Pangel S9	None Established	-	-
Pumice	None Established	-	-
Perlite	None Established	-	-

Personal Protective Equipment

Eye/Face Protection	Safety glasses are not normally required but recommend when splashing is possible
Ventilation	General Ventilation

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow Gritty Paste	Odor	Pleasant
Physical State	Viscous Paste	pH	7.2
Flash Point	Not applicable	Autoignition Temperature	Not Applicable
Boiling Point/Range	Not determined	Freezing Point	Not determined
Explosion Limits	N/A	Flammability Limits in Air	Not applicable
Specific Gravity	Not determined	Solubility	<18%
Evaporation Rate	Not determined	Vapor Pressure	Not determined
Vapor Density	Not determined	Density	Not determined
Volatiles	<2%	Molecular Weight	Not determined
VOC	<1%	Partition Coefficient	Not determined
LVP-VOC	Not determined	Decomposition Temp	Not determined

10. STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity available for this product or its ingredients
Chemical Stability	Stable under normal ambient and anticipated conditions of use
Hazardous Polymerization	Will not occur
Conditions To Avoid	Incompatible materials
Incompatible Materials	Incompatible with oxidizing agents, reducing agents, strong acids, strong bases
Hazardous Decomposition	Burning of thermal decomposition can produce carbon dioxide and monoxide

11. TOXICOLOGICAL INFORMATION

Acute Symptoms of single overexposure

NONE

Chronic Symptoms of prolonged or repeated overexposure

Eyes	Causes eye irritation
Skin	None
Inhalation	Not applicable
Ingestion	May be harmful if swallowed. May cause irritation, burning in the mouth, throat and stomach

Acute Tox Calculated

Oral	18,025 mg/kg
Dermal	24,237 mg/kg
Inhaled	39,8 mg/L

Additional info

Target Organs	Eyes (Lens or cornea)
Medical Conditions	Preexisting, eye, disorders may be aggravated by exposure to this product
Notes to Physician	In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	90,000 mg/kg (Rat)	-	-
Polyoxyethylene Nonylphenol	1800 mg/kg (Rat)	-	-
Dodecylbenzenesulfonic Acid	650 mg/kg (Rat)	-	-
Glycerin	12,600 mg/kg (Rat)	12,600 mg/kg (Rabbit)	>570mg/m3/1hr

Aldehyde	661 mg/kg (Rat)	3540 mg/kg (Rabbit)	23000 mg/m3 4 hours
Benzyl Acetate	2490 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Alcohol	0.4 g/kg (Rat)	14.4 g/kg (Rabbit)	-
Methylchloroisothiazolinone	53 mg/kg (Rat)	-	-
Pangel S9	-	-	-
Pumice	-	-	-
Perlite	-	-	-

12. ECOLOGICAL INFORMATION

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Water	-	-	-	-
Polyoxyethylene Nonylphenol	-	LC50 (Guppies): 16.4 mg/L (48h)	-	EC50 (Invertebrates): 18.2 mg/L (48h)
Dodecylbenzenesulfonic Acid	ErC50: 65.4mg/l (pseudokirchneriella subcapitata) (72h)	LC50 (Oncorhynchus mykiss): 3.2 – 5.6 mg/l	N/A	EC50: 12 mg/l (24h)
Glycerin	N/A	LC50 (Oncorhynchus Mykiss): 54,000mg/l	N/A	EC50: >10,000mg/l
Aldehyde	N/A	N/A	N/A	N/A
Benzyl Acetate	N/A	N/A	EC50: 3.29 mg/l (5 min)	N/A
Alcohol	N/A	N/A	N/A	N/A
Methylchloroisothiazolinone	N/A	N/A	N/A	N/A
Pangel S9	N/A	N/A	N/A	N/A
Pumice	N/A	N/A	N/A	N/A
Perlite	N/A	N/A	N/A	N/A

Persistence and Degradability

Bio accumulative Potential

Mobility in Soil

Other Adverse Effects

No specific biodegradation test data was located

No data available

No data available

No data available

13. DISPOSAL CONSIDERATIONS

Disposal Statement

DO NOT DUMP INTO ANY STORM SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

Container Disposal

Triple rinse container then offers for recycling. If not available, puncture and dispose in a sanitary landfill

14. TRANSPORT INFORMATION

Note

Not classified as dangerous in the meaning of sea and air transport regulations.

DOT

Not regulated

IATA

Not regulated

IMDG/IMO

Not regulated

15. REGULATORY INFORMATION

International Inventories

Contact supplier for inventory compliance status

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	SARA 313 - Threshold Values
Water	-
Polyoxyethylene Nonylphenol	Yes
Dodecylbenzenesulfonic Acid	Yes
Glycerin	Yes
Aldehyde	Yes
Benzyl Acetate	Yes
Alcohol	Yes
Methylchloroisothiazolinone	Yes
Pangel S9	Yes
Pumice	Yes
Perlite	Yes

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

Not Listed

CAA (Clean Air Act)

Not Listed

CERCLA

Not Listed

U.S. State Regulations

U.S. State Right-to-Know Regulations

Chemical name	NJ	PA
Water		
Polyoxyethylene Nonylphenol	X	X
Dodecylbenzenesulfonic Acid	X	X
Glycerin		
Aldehyde	X	X
Benzyl Acetate	X	X
Alcohol		
Methylchloroisothiazolinone	X	X
Pangel S9		
Pumice		
Perlite		

16. OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet.

Legend Section

ACGIH	American Conference of Governmental Industrial Hygienists	LC50	A concentration that is lethal to 50% of a given species in a given time
CAS	Chemical Abstracts Service Registry	LD50	Dose that is lethal to 50% of a given species by a given route of exposure
CEIL	Ceiling Limit (15 minutes)	LEL	Lower Explosive Limit
CERCL	Comprehensive Environmental Response, Compensation, and Liability Act	LD	Liver Damage
CI	Cochlear Impairment	NA	Not Applicable
CNS	Central Nervous System	ND	Not Determined
EC50	Concentration of a chemical that gives half-maximal response	NE	Not Established
EPA	Environmental Protection Agency	NFPA	National Fire Protection Association
Eye	(EI = Irritation) (ED = Damage) (EV = Visual Impairment)	NIOSH	National Institute for Occupational Safety and Health
FBG	Full Bunker Gear	NTP	National Toxicology Program
GHS	Globally Harmonized System	OSHA	Occupational Safety and Health Administration
HAP	California Hazardous Air Pollutant Clean Air Act	PEL	Permissible Exposure Limit (OSHA)
HMIS-A	Safety glasses	PNS	Peripheral Nervous System
HMIS-B	Safety glasses, gloves	PP	California Priority Pollutant under the Clean Water Act
HMIS-C	Safety glasses, gloves, chemical apron	REL	Recommended exposure limit (NIOSH)
HMIS-D	Face shield, gloves, chemical apron	RT	Upper Respiratory Tract
HMIS-E	Safety glasses, gloves, dust respirator	Skin	(SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer)
HMIS-F	Safety glasses, gloves, chemical apron, dust respirator	SARA	Superfund Amendments and Reauthorization Act
HMIS-G	Safety glasses, gloves, vapor respirator	STEL	Short Term Exposure Limit (15 minutes)
HMIS-H	Splash goggles, gloves, chemical apron, vapor respirator	TC Lo	Lowest concentration that is toxic to a given species in a given time
HMIS-I	Safety glasses, gloves, dust and vapor respirator	TD Lo	Lowest dose that is toxic to a given species
HMIS-J	Splash goggles, gloves, chemical apron, dust and vapor respirator	TLV	Threshold Limit Value (ACGIH)
HMIS-K	Air line hood or mask, gloves, full chemical suit, boots	TP	California Toxic Pollutant under the Clean Water Act
HMIS-X	Ask Supervisor	TSCA	Toxic Substances Control Act
HS	California Hazardous Substance under the Clean Water Act	TWA	Time Weighted Average (8 hours)
KD	Kidney Damage (nephropathy)	UEL	Upper Explosive Limit

Prepared By TRIAX, LLC

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Revision Note None

Disclaimer

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as 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 material or in any process, unless specified in the text.

End MSDS