

SAFETY DATA SHEET

Turn A Scrub

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Printed: 11/21/2018

Revision: 10/11/2018

Supersedes Revision: 07/18/2018

1. Product and Company Identification

Product Code: QTS-299
Product Name: Turn A Scrub
Company Name: Nexgen
Pro-Line Industrial Products Inc.
620 Garcia Ave Suite C
Pittsburg, CA 94565
Phone Number: (800)263-9436

Emergency Contact: Chemtrec (800)424-9300

Recommended Use: Lime Scale Remover
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Acute Toxicity: Oral, Category 5

GHS Signal Word: Warning
GHS Hazard Phrases: H303 - May be harmful if swallowed.
GHS Precaution Phrases: P102 - Keep out of reach of children. P264 - Wash hands thoroughly after handling.
GHS Response Phrases: P301+312 - If swallowed: Call a Poison Center or doctor if you feel unwell.
GHS Storage and Disposal Phrases: P411+235 - Store in cool dry place at room temperature away from direct sunlight.
P501 - Dispose of contents and container according to the local, city, state and federal regulations.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
1317-95-9	Silica-crystalline tripoli	Proprietary	VV7336000
68439-46-3	Alcohol ethoxylate	Proprietary	AZ8100000
77-92-9	Citric acid	Proprietary	GE7350000
112-34-5	Diethylene glycol monobutyl ether	Proprietary	KJ9100000

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: Remove person to fresh air and keep comfortable for breathing.

In Case of Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

In Case of Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid if irritation or symptoms occur. If swallowed, wash out mouth with water provided person is conscious. Get medical attention immediately. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Note to Physician: Treat symptomatically and supportively.

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5. Fire Fighting Measures

Flash Pt: NE Method Used: Estimate

Explosive Limits: LEL: N/A UEL: N/A

Autoignition Pt: NE

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and Hazards: No data available.

Hazardous Combustion No data available.

Products:

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Absorb the liquid and scrub the area with detergent and water.

7. Handling and Storage

Precautions To Be Taken in Handling: Do not get in eyes, on skin or clothing. Avoid ingestion and inhalation. Keep out of reach of children.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1317-95-9	Silica-crystalline tripoli	No data.	TLV: 0.1 mg/m ³ (R)	No data.
68439-46-3	Alcohol ethoxylate	No data.	No data.	No data.
77-92-9	Citric acid	No data.	No data.	No data.
112-34-5	Diethylene glycol monobutyl ether	No data.	No data.	No data.

Respiratory Equipment (Specify Type): No special requirements under normal use conditions.

Eye Protection: Safety glasses.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: None. No special requirements under normal use conditions.

Engineering Controls (Ventilation etc.): None.

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9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid
Appearance and Odor: Opaque white liquid with lemon fragrance.
pH: ~ 2.00 - 3.00
Melting Point: NE
Boiling Point: >= 210.00 F
Flash Pt: NE Method Used: Estimate
Evaporation Rate: NE
Flammability (solid, gas): No data available.
Explosive Limits: LEL: N/A UEL: N/A
Vapor Pressure (vs. Air or mm Hg): NE
Vapor Density (vs. Air = 1): NE
Specific Gravity (Water = 1): ~ 1.100
Density: ~ 9.17 lbs/gal
Bulk density: NE
Solubility in Water: 100%
Saturated Vapor Concentration: NE
Octanol/Water Partition Coefficient: No data.
VOC / Volume: 0.0000 G/L
Autoignition Pt: NE
Decomposition Temperature: NE
Viscosity: Viscous
Particle Size: NE
Heat Value: NE
Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: None.
Incompatibility - Materials To Avoid: Cationic materials, strong oxidizers and strong alkali materials.
Hazardous Decomposition or Byproducts: CO, CO2.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: None.

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11. Toxicological Information

Toxicological Information: CAS# 68439-46-3: Acute toxicity, LD50, Oral, Rat, 1378. MG/KG. Results: Vascular: Measurement of regional blood flow. Biochemical: Enzyme inhibition, induction, or change in blood or tissue levels: Dehydrogenases. Biochemical: Metabolism (Intermediary): Lipids including transport. ; Journal of the American College of Toxicology., Mary Ann Liebert, Inc., New York, NY, Vol/p/yr: 10(4),427, 1991

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1317-95-9	Silica-crystalline tripoli	Known	2A	A2	n.a.
68439-46-3	Alcohol ethoxylate	n.a.	n.a.	n.a.	n.a.
77-92-9	Citric acid	n.a.	n.a.	n.a.	n.a.
112-34-5	Diethylene glycol monobutyl ether	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information: CAS# 68439-46-3: LC50, Fathead Minnow (Pimephales promelas), 11000. UG/L, 96 H, Mortality, Water temperature: 22.00 C C. Results: Morphological changes. ; Acute Toxicity and Structure-Activity Relationships of Nine Alcohol Ethoxylate Surfactants to Fathead Minnow and Daphnia magna, Wong, D.C.L., P.B. Dorn, and E.Y. Chai, 1997

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Acute (immediate) Health Hazard
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Chronic (delayed) Health Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Fire Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Sudden Release of Pressure Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Reactive Hazard

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CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1317-95-9	Silica-crystalline tripoli	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No
68439-46-3	Alcohol ethoxylate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
77-92-9	Citric acid	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
112-34-5	Diethylene glycol monobutyl ether	CAA HAP,ODC: Yes - Cat.; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: Yes - Cat.

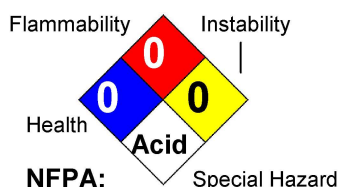
16. Other Information

Revision Date: 10/11/2018

Hazard Rating System:

HEALTH		0
FLAMMABILITY		0
PHYSICAL		0
PPE		B

HMIS:



Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.