

SAFETY DATA SHEET

Date issued : 03/10/2023

SDS number : QPA303

Date revised : 05/15/2023

Revision number : 4

Plug Away

1. Identification

Product code: QPA303

Product identifier: Plug Away

Manufacturer / Supplier

Pro Line Industrial Products
723 W. University Avenue #110-428
Georgetown, TX 78626

Emergency telephone number (24 hour)

CHEMTREC (US Transportation & Medical) : (800) 424-9300

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Skin Corrosion, Category 1
Serious Eye Damage, Category 1

Environmental hazards:

Acute Hazards to the Aquatic Environment, Category 3

Label elements



Corrosion

Signal word: DANGER

Hazard statement(s)

H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H290: May be corrosive to metals.
H335: May cause respiratory irritation.

Precautionary statement(s)

Prevention:

P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.
P330: Rinse mouth.
P312: Call a POISON CENTER/doctor/...if you feel unwell.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P363: Wash contaminated clothing before reuse.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor/...
P264: Wash ... thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P307+P311: IF exposed: Call a POISON CENTER or doctor/physician.
P334: Immerse in cool water [or wrap in wet bandages].
P390: Absorb spillage to prevent material damage.
P406: Store in a corrosion resistant/...container with a resistant inner liner.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Storage:

P403: Store in a well-ventilated place.

P405: Store locked up.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Sodium Hydroxide	40 - 70	1310-73-2

4. First-aid measures

Eye: Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

Skin: Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Ingestion: Immediate medical attention is required. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Remove from exposure, lie down. Clean mouth with water and drink afterwards plenty of water. Call a physician or poison control center immediately.

Inhalation: Move to fresh air. Call a physician or poison control center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Indication of immediate medical attention and special treatment needed, if necessary: Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat Symptomatically.

Comments: Immediate Medical Attention is required

5. Fire-fighting measures

Flammable class: Not considered to be a fire hazard

General hazard: The product causes burns of eyes, skin and mucous membranes; Thermal decomposition can lead to release of irritating and toxic gases and vapors; In the event of fire and/or explosion do not breathe fumes.

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment; Adding water to caustic solution generates large amounts of heat

Fire fighting equipment: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in pressure demand or other positive pressure mode.

Fire explosion: Not considered to be an explosion hazard

6. Accidental release measures

Large spill: Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Dam up. After cleaning, flush away traces with water.

Environmental precautions

Water spill: Do not allow large into any stormsewer, on the ground or into any body of water. Should not be released into the environment. Prevent further leakage or spillage if safe to do so.

General procedures: Evacuate personnel to safe areas. use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.

7. Handling and storage

General procedures: KEEP OUT OF REACH OF CHILDREN

Precautions for safe handling: Use personal protective equipment as required. Use only with adequate ventilation. Avoid contact with skin, eyes, or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. use only with adequate ventilation and in closed systems.

Conditions for safe storage: Keep container tightly closed in a dry and well-ventilated place. KEEP OUT OF REACH OF

CHILDREN. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.

Comments: Incompatible Materials: Strong acids and bases; Oxidizing agents; aluminum; tin; Zinc.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
Occupational exposure limit values				
Chemical name	Type		ppm	mg/m ³
Sodium Hydroxide	OSHA PEL	TWA		2
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

Appropriate engineering controls: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94)

Individual protection measures, such as personal protective equipment

Eye / face protection: Face shield and eye protection.

Skin protection - hand protection: Gloves made of plastic or rubber. Rubber boots. Suitable protective clothing. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear chemical resistant clothing such as gloves, apron, boots, or whole bodysuits made from neoprene, as appropriate

Occupational hygiene practices: Wash contaminated clothing before reuse. When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Take off all contaminated clothing and wash it before reuse. Wear suitable gloves and eye/face protection.

9. Physical and chemical properties

Physical state: Liquid

Color: Red

pH: 14

Melting point: No information Available

Freezing point: 10°C (50°F)

Initial boiling point and boiling range: 143°C (289°F)

Flash point: No information Available

Evaporation rate (n-butyl acetate = 1): No information Available

Explosion limit / flammability limit notes: No information Available

Vapor pressure: No information Available

Relative vapor density: No information Available

Density: 1.53

Relative density: No information Available

Solubility: Miscible

Auto-ignition temperature: No information Available

Decomposition temperature: No information Available

Viscosity: None

Molecular weight: 40

Pour point: No information Available

Oxidizing properties: No information Available

Percent volatiles: No information Available

VOC content: No information Available

10. Stability and reactivity

Dangerous polymerization: No

Chemical stability: Stable Under Normal conditions.

Conditions to avoid: Exposure to air or moisture over prolonged periods; Direct sunlight; Heat

Possibility of hazardous reactions: None known.

Hazardous decomposition products: Thermal decomposition can lead to release of irritating and toxic gases and vapors

Incompatible materials: Strong acids and bases; oxidizing agents; aluminum; tin; zinc

11. Toxicological information

Carcinogenicity

Notes: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

12. Ecological information

Aquatic toxicity, both acute and chronic

96-hour LC₅₀: 45.4 Oncorhynchus mykiss mg/L

13. Disposal considerations

Disposal methods: Dispose of in accordance with federal, state, and local regulations.

Empty container: Do not reuse container.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: CORROSIVE LIQUID, basic, inorganic, N.O.S. (Contains Sodium Hydroxide)

Transport hazard class(es): 8

UN number: 3266

Packing group, if applicable: II

NAERG: 154

Bulk freight class: 85

Note: Can be shipped as Limited Quantity when packaged in 12/1Qt and 4/1 Gal cartons.

15. Regulatory information

UNITED STATES

Dot label symbol and hazard classification



Corrosive

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA rq
Sodium Hydroxide	40 - 70	1,000

TSCA (The Toxic Substances Control Act)

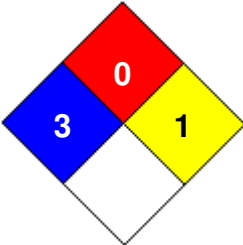
Chemical name	CAS No.
Sodium Hydroxide	1310-73-2

16. Other information

Date revised: 05/15/2023

Revision summary: This SDS replaces the 04/12/2023 SDS. Revised: **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

NFPA codes



Manufacturer disclaimer: The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.