

1. IDENTIFICATION

Product Identifier

Product Name Sonic Wave Plus
Chemical Name Alkali detergent solution

Recommended use of the chemical and restrictions on use

Recommended use Ultrasonic cleaning solution
Restrictions on use For industrial use only

Supplier details

West Penetone Inc.
 11411-160 Street
 Edmonton, AB,
 T5M3T7
 Tel: 1-780-454-3919 (during office hours only, 8:00am to 4:30pm MST)

Emergency Telephone Number

Main office – (780)-454-3919, 8:00 AM to 4:30 PM MST

2. HAZARDS IDENTIFICATION

Classification

Skin corrosion/irritation	Category 2
Eye damage/eye irritation	Category 2A

Label Elements

WARNING

Hazard Statements

Causes skin and serious eye irritation



Precautionary Statements - Prevention

Wash face, hands, and any exposed skin thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %*
alcohols, C12-C15, ethoxylated	68131-39-5	3-7
dipropylene glycol methyl ether	34590-94-8	1-5
trisodium phosphate	10101-89-0	1-5
sodium xylene sulphonate	1300-72-7	1-5

poly(oxy-1,2-ethanediyl), α -hydro- Ω -hydroxy, mono-C10-14-alkyl ethers, phosphates	68585-36-4	1-5
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* The actual concentrations have been withheld as a trade secret

4. FIRST AID MEASURES

Ingestion	Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.
Skin contact	Rinse skin with water. Wash contaminated clothing before reuse.
Inhalation	Not applicable
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Most important symptoms and effects, both acute and delayed

Causes irritation to eyes and to skin. Symptoms include tingling sensation and / or reddening.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

None.

Specific hazards arising from the chemical

None known.

Protective Equipment and Precautions for Firefighters

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Avoid contact with skin, eyes, and clothing. Use personal protective equipment.

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Rinse area with plenty of water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling	Avoid contact with skin, eyes, and clothing.
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Conditions for safe storage, including any incompatibilities

Storage	Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep from freezing
Incompatible Materials	Strong acids

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Control parameters**

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Chemical Name	ACGIH TLV	OSHA PEL
Dipropylene glycol methyl ether 34590-94-8	TWA: 100 ppm STEL: 150 ppm	100 ppm

Appropriate engineering controls

Engineering Controls Not required.

Individual protection measures, such as personal protective equipment

Eye/face Protection Safety goggles.

Skin and body protection Wear protective gloves.

Respiratory Protection Not required.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE:**

Clear, colorless liquid

ODOR:

Detergent

ODOR THRESHOLD:

Not applicable

pH:

10.25-10.75

MELTING POINT / FREEZING POINT:

Not available

BOILING POINT/BOILING RANGE:

100°C

FLASH POINT:

None

EVAPORATION RATE, water = 1:

1

FLAMMABILITY (SOLID, GAS):

Not applicable

VAPOR PRESSURE, mm Hg AT 20°C:

Not applicable

VAPOR DENSITY (Air = 1):

Not applicable

RELATIVE DENSITY AT 20°C:

1.025-1.035

SOLUBILITY IN WATER:

Complete

PARTITION COEFFICIENT, N-OCTANOL/WATER:

Not available

AUTO-IGNITION TEMPERATURE:

None

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

< 10 cps @ 22°C

FLAMMABLE LIMITS:

UPPER: Not applicable **LOWER:** Not applicable

10. STABILITY AND REACTIVITY**Reactivity**

Not reactive

Conditions to Avoid

None.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

None

Incompatible Materials

Strong acids

Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION

Acute toxicity

ATE_{mix} oral (mg/kg) – > 20000, ATE_{mix} dermal (mg/kg) – > 18900, ATE_{mix} (vapours, mg/L NOEC) - > 100

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Alcohols, C12-C15, ethoxylated 68131-39-5	1650-2000 mg/kg (rat)	>2000 mg/kg (rabbit)	Not available
Dipropylene glycol methyl ether 34590-94-8	5.7 g/kg (rat)	9.5 g/kg (rabbit)	3.35 mg/L/7H (rat) NOEC
Trisodium phosphate 10101-89-0	7.4 g/kg (rat)	Not available	Not available
Sodium xylene sulphonate 1300-72-7	>7 g/kg (rat)	>2000 mg/kg (rabbit)	Not available
Poly(oxy-1,2-ethanediyl), α-hydro-Ω-hydroxy, mono-C10-14-alkyl ethers, phosphates	>5 g/kg (rat)	>2500 mg/kg (rabbit)	Not available

Information on likely sources of exposure

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Delayed and immediate effects and also chronic effects from short and long-term exposure

Respiratory or skin sensitization

Not a sensitizer.

Germ cell mutagenicity

None known.

Carcinogenicity

No listed human carcinogens.

Reproductive toxicity

None known.

STOT - single exposure

None known.

STOT-repeated exposure

None known.

Aspiration Hazard

None.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms include tingling sensation and / or reddening of eyes and tissues.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Fish	Waterflea	Algae
Ethoxylated alcohol 84133-50-6	1.53 mg/L: 96 h LC50 rainbow trout	5.66 mg/L: 48 h EC50 Daphnia	NOEC – 0.305 mg/L – 72H
Dipropylene glycol methyl ether 34590-94-8	> 10 000 mg/L: 96 h LC50 Fathead minnow	1919 mg/L: 48 h EC50 Daphnia magna	> 969mg/L: 96 h ED50 Selenastrum capricornutum
Trisodium phosphate 10101-89-0	151 mg/L: 96 h LC50 mosquitofish	126 mg/L: 96 h EC50 Daphnia magna	No data available
Poly(oxy-1,2-ethanediyl), α-hydro-Ω-hydroxy, mono-C10-14-alkyl ethers, phosphates 68585-36-4	189 mg/L: 96 h LC50	94 mg/L : 72 h EC50 Daphnia magna	No data available

Persistence and degradability

Mixture is readily biodegradable, according to relevant component OECD data

Bioaccumulative potential

Components not considered to be bioaccumulative according to relevant component K_{ow} data

Mobility in soil

Mixture is water soluble

Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

UN Number:	Not regulated
UN Proper Shipping Name:	Not regulated
Transport Hazard Class(es)	
Class:	TDG: Not regulated
	US DOT: Not regulated
	IMDG: Not regulated
Label(s):	Not regulated
Packing Group:	Not applicable
Marine Pollutant:	No
Special precautions for user:	None established
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not determined

15. REGULATORY INFORMATION

Canada (DSL/NDSL)

All ingredients contained in this product are in compliance with the Canadian Environmental Protection Act and are listed on the DSL or are exempt.

United States (TSCA)

All ingredients contained in this product are listed on the TSCA inventory or are exempt.

HMIS Information:

Health:	1
Flammability:	0
Reactivity:	0

16. OTHER INFORMATION

Preparation Date	3 May 2016
Revision Date	3 July 2025
Revision Note	Revision 3 – Modifications to Sections 1

Disclaimer

The information provided on this SDS 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 of SDS