

Section I-Product Identification

Starpatch Concrete Products
#5-6420 Beresford Street
Burnaby BC V5E 1B6
Emergency Phone # 1-866-779-5278

Revision Date: Sept 2019

Product Name
AC900X

Product Use: Bonding agent and mortar additive

Section II- Hazard Identification

Classification of Product

OSHA Regulatory Status:

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance: Milky liquid

Physical state: Liquid

Odor: Slight

Hazards not otherwise classified (HNOC)

Other Information:

Toxic to aquatic life with long lasting effects

Unknown Acute Toxicity

Precautionary Statements

If swallowed, rinse mouth

If in eyes, rinse with water for several minutes, if require remove contact lenses and continue rinsing.

If significant skin irritation or rash occurs, seek medical attention.

Additional Information

Precautions must be observed because burns can occur with little warning and little heat sensation.

HNOC-Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered. If the product adheres to skin, irritation may occur when it dries.

According to Controlled Products Regulations (CPR) (SOR/88-66) Emergency overview

No particular hazards known.

Section III- Ingredients/Identity Info.

Ingredients	CAS Number	% by Weight
Polyethylene glycol octylphenyl ether	9036-19-5	<40
Ammonium hydroxide	1336-21-6	<0.5

*The exact percentage (concentration) of composition has been withheld as a trade secret.

*Section IV- First Aid Measures***Description of the first-aid measures General information:**

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact: Wash skin with soap and water. Wash contaminated clothing before reuse.

Inhalation: Remove to fresh air.

Ingestion: Clean mouth with water and drink afterwards.

Most important symptoms/effects, acute and delayed:

Symptoms: No information available.

Indication of any immediate medical attention and special treatment needed:

Note to physicians:

Treat symptomatically.

Section V- Fire Fighting Measures

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO₂, alcohol-resistant foam or water spray.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical: No information available.

Explosion data:

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

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.

Section VI- Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation, especially in confined areas.

Environmental precautions:

See section 12 for additional ecological information.

Methods and material for containment and cleaning up:

Prevent further leakage or spillage if safe to do so. Dike far ahead of spill; use dry sand to contain the flow of material.

Methods for cleaning up:

Pick up and transfer to properly labeled containers.

Section VII- Precautions for safe handling and storage

Advice on safe handling:

Handle in accordance with good industrial hygiene and safety practice.

Storage Conditions:

Keep containers tightly closed in a dry, cool and well-ventilated place. None known based on information supplied.

Incompatible materials:

None known based on information known.

Section VIII- Exposure Control Measures/Personal Protection

Exposure Guidelines:

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls:

Engineering Controls Showers

 Eyewash stations

 Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection: No special technical protective measures are necessary.

Skin and body protection: No special technical protective measures are necessary.

Respiratory protection:

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations:

Handle in accordance with good industrial hygiene and safety practice

Section IX- Physical and Chemical Properties

Physical state: Liquid

Appearance: Milky liquid

Odor threshold: No information available

Odor: Slight

Property:

pH	9-10
Melting point/freezing point	32F
Boiling point / boiling range	>200F
Flash point	>200F
Evaporation rate	No Information available
Flammability (solid, gas):	No Information available
Flammability Limit in Air:	No Information available
Upper flammability limit:	No Information available
Lower flammability limit:	No Information available
Vapor pressure:	No Information available
Vapor density:	No Information available
Relative density:	No Information available
Water solubility:	Dispersible
Solubility in other solvents:	No information available
Partition coefficient:	No information available
Autoignition temperature:	No information available
Decomposition temperature:	No information available
Dynamic viscosity:	No information available

Section X- Stability and Reactivity

Reactivity:	No data available
Chemical stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Conditions to avoid:	Protect from freezing - product stability may be affected.
Incompatible materials:	None known based on information supplied.
Hazardous Decomposition Products:	None known based on information supplied.

Section XI- Toxicological Information

Information on likely routes of exposure

Inhalation:	No data available
Eye contact:	No data available
Skin Contact:	No data available
Ingestion:	No data available

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Polyethylene glycol octylphenyl ether 9036-19-5	= 1700 mg/kg (Rat) = 4190 mg/kg (Rat)	-	-
Ammonium hydroxide 1336-21-6	= 350 mg/kg (Rat)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Sensitization:	No information available.
Germ cell mutagenicity:	No information available.
Carcinogenicity:	No information available.
Reproductive toxicity:	No information available.
STOT - single exposure:	No information available.
STOT - repeated exposure:	No information available.
Aspiration hazard:	No information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 47.3 % of the mixture consists of ingredient(s) of unknown toxicity. The following values are calculated based on chapter 3.1 of the GHS document-mg/kg

Section XII- Ecological Information

Ecotoxicity:

Toxic to aquatic life with long lasting effects

44.5 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability: No information available.

Bioaccumulation: No information available.

Other adverse effects: No information available.

Section XIII- Disposal Considerations

Waste treatment methods:

Disposal of wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Do not reuse container.

Chemical Name	California Hazardous Waste Status
Ammonium hydroxide 1336-21-6	Toxic Corrosive

Section XIV- Transport Information

DOT (US)

Not Regulated

TDG (Canada)

Not Regulated

Section XV- Regulatory Information

International Inventories:

TSCA: On the inventory, or in compliance with the inventory.

DSL/NDSL: All components of this product are on the DSL.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US 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 %
Ammonium hydroxide - 1336-21-6	1.0

SARA 311/312 Hazard Categories

Acute health hazard: No

Chronic Health Hazard: No

Fire hazard: No

Sudden release of pressure hazard: No

Reactive Hazard: No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonium hydroxide 1336-21-6	20L	-	-	X

CERCLA: This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ammonium hydroxide 1336-21-6	20L	-	20L

Section XVI- Other Information

Updated: September 23, 2019

NOTE: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein.