MATERIALS SAFETY DATA SHEET

SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification	
Product Name	**DYNAPLAS WP-S**
Manufacturer/ Supplier	**SCL (TRINIDAD) LIMITED** LP #45, Saddle Road, San Juan. **Phone: 1 868 675 5555**
Chemical Name	Mixture of Calcium Stearate, Polyoxyalkylene alkyl ether in water
Recommended use and General use: Restriction on use:	Waterproofing concrete admixture None, used as directed by product data sheet

Section 2. Hazards Identification		
GHS Classification		Skin sensitization: Category1 Chronic aquatic toxicity: Category4
Hazard symbols		
Signal words		Warning
Hazard statements		H317 May cause an allergic skin reaction H413 May cause long lasting harmful effects to aquatic life
Precautionary statements	Prevention	P261 Avoid breathing gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection.
	Response	P302+P352 IF ON SKIN: Wash with plenty of soap and water. P321 Specific treatment P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P363 Wash contaminated clothing before reuse.
	Storage	Not applicable
	Disposal	P501 Dispose of contents/container in accordance with local/regional/national/international regulation
Other hazards which do not result in classification: (NFPA Classification)		NFPA grade (0~4 level) Health: 0, Flammability: 1, Reactivity: 0

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TRINIDAD | JAMAICA | ST. LUCIA | GUYANA

Section 3. Composition and Information on Ingredients

Chemical Name	Trade names and Synonyms	CAS No.	Content (%)
Polyoxyalkylene alkyl ether		68154-98-3	1 => 5%
Octadecanoic acid, calcium salt		1592-23-0	40 =>
Fatty acids, C16-18, Calcium salts	-	85251-71-4	50%

Section 4. First Aid Measures

Eye Contact	Do not rub your eyes Immediately flush eyes with plenty of water for at least 15 minutes and call a doctor/physician
Skin Contact	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Laundering enough contaminated clothing before reuse. Go to the hospital immediately if symptoms (flare, irritate) occur. Wash thoroughly after handling.
Inhalation Contact	When exposed to large amounts of steam and mist, move to fresh air. Take specific treatment if needed.
Ingestion Contact	Please be advised by doctor whether induction of vomit is demanded or not Rinse your mouth with water immediately.
Delayed and immediate effects and also chronic effects from short and long term exposure	Not available
Notes to physician	Notify medical personnel of contaminated situations and have them take appropriate protective measures.

Section 5. Firefighting Measures

Suitable(Unsuitable) extinguishing media	Dry chemical, carbon dioxide, regular foam extinguishing agent, spray Avoid use of water jet for extinguishing
Specific hazards arising from the chemical	Not available
Special protective actions for firefighters	Move containers from fire area, if you can do without the risk Keep unauthorized personnel out Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Notify your local fire station and inform the location of the fire and characteristics hazard.
Special protective actions for firefighters	Keep containers cool with water spray. Vapor or gas is burned at distant ignition sources can be spread quickly.

Section 6. Accidental Release Measures

Personal precautions, protective	- Environmental precautions: keep away from drains and ground water and soil. Methods for cleaning up: soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust); the addition of water will cause the product to foam it contains nonionic surfactants as suspending agents.
Environmental precautions	Prevent runoff and contact with waterways, drains or sewers. If large amounts have been spilled, inform the relevant authorities.
Methods and materials for	Dike for later containment and cleaning up and disposal. Dispose of waste in accordance with local regulation. Appropriate container for disposal of spilled material, please let use absorption. Prevent the influx to waterways, sewers, basements or confined spaces.

Section 7. Handling and Storage

Precautions for safe handling	Avoid direct physical contact. Since emptied containers retain product residue (Vapor, liquid, solid) follow all MSDS and label warnings even after container is emptied. Refer to Engineering controls and personal protective equipment. Do not handle until all safety precautions have been read and understood. Do not inhale the steam prolonged or repeated.
Conditions for safe storage, including container.	Check regularly for leaks. Do not apply any physical shock. Keep sealed when not in use. No open fire.
Incompatibilities	Prevent static electricity and keep away from combustible materials or heat sources. Collected them in sealed containers. Store away from water and sewer.

Section 8. Exposure Controls, Personal Protection

Exposure limits	ACGIH TLV: Not available OSHA PEL: Not available
Engineering controls	A system of local and/or general exhaust is recommended to keep employee exposures above the Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. The use of local exhaust ventilation is recommended to control emissions near the source.

Individual protection measures, such as personal protective equipment	- Respiratory protection Under conditions of frequent use or heavy exposure, Respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use. Any chemical cartridge respirator with organic vapor cartridge(s). Any chemical cartridge respirator with a full facepiece and organic vapor cartridge(s). Any air-purifying respirator with a full facepiece and an organic vapor canister. For Unknown Concentration or Immediately Dangerous to Life or Health: Any supplied air respirator with full facepiece and operated in a pressure-demand or other positive pressure mode in combination with a separate escape supply. Any self-contained breathing apparatus with a full facepiece. - Eye protection Wear primary eye protection such as splash resistant safety goggles with a secondary protection face shield. Provide an emergency eye wash station and quick drench shower in the immediate work area. - Hand protection Wear appropriate glove. - Skin protection Wear appropriate clothing. - Others Not available

Section 9. Physical and Chemical Properties

Appearance	Appearance: Liquid, Color: White.
Odor	Low
Odor threshold	Not available
pH	10 to 13 (1% aqueous sol'n)
Melting point/Freezing point	Not available
Initial Boiling Point/Boiling Ranges	100°C
Flash point	Not applicable
Evaporation rate	Not available
Flammability(solid, gas)	Not available
Upper/Lower Flammability or explosive limits	Not available
Vapour pressure	Not available
Solubility	Soluble
Vapour density	Not available
Specific gravity(Relative density)	1.000 – 1.050 (25°C)

Partition coefficient of n-octanol/water	Not available
Autoignition temperature	Not available
Decomposition temperature	Not available
Viscosity	<350 cPs (25°C)
Molecular weight	Not available
Section 10. Stability and Reactivity	
Chemical Stability	This material is stable under recommended storage and handling conditions.
Possibility of hazardous reactions	Hazardous Polymerization will not occur.
Conditions to avoid	Avoid contact with incompatible materials and condition Avoid: Temperature no lower than 0 °C and no higher than 40 °C
Incompatible materials	Not available
Hazardous decomposition products	May emit flammable vapour if involved in fire.
Section 11. Toxicological Information	
Information on the likely routes of exposure -	- Respiratory tracts: Not available Oral: Not available - Eye-Skin: May cause an allergic skin reaction
Delayed and immediate effects and chronic effects from short and long term exposure	- Acute toxicity Oral: Not available Dermal: Not available Inhalation: Not available - Skin corrosion/irritation: Not available - Serious eye damage/irritation: Not available - Respiratory sensitization: Not available - Skin sensitization: May cause an allergic skin reaction - Carcinogenicity
	IARC: Not available OSHA: Not available ACGIH: Not available NTP: Not available EU CLP: Not available - Germ cell mutagenicity: Not available LD50/oral/rat: > 10 g/kg (Calcium Stearate)

	IARC: Not available OSHA: Not available ACGIH: Not available NTP: Not available EU CLP: Not available Germ cell mutagenicity: Not available Reproductive toxicity: Not available STOT-single exposure: Not available STOT-repeated exposure: Not available Aspiration hazard: Not available
Section 12. Ecological Information	
Ecotoxicity	Fish: Not available Crustaceans: Not available Algae: Not available
Persistence and degradability	Persistence: 6.94 log Kow Degradability:
Bioaccumulative potential	Bioaccumulative potential: 747 Biodegration: 28 – 95 days (Calcium Stearate)
Mobility in soil	Not available
Other adverse effects	Not available
Section 13. Disposal Considerations	
Disposal methods	Since more than two kinds of designated waste is mixed, it is difficult to treat separately, then can be reduction or stabilization by incineration or similar process. If water separation is possible, pre-process with Water separation process. Dispose by incineration.
Waste from residues/unused products:	Can be land-filled in accordance with local and national regulations. Contaminated packaging: in accordance with local and national regulations. Dispose of waste in accordance with all applicable laws and regulations.
Section 14. Transport Information	
UN No. (IMDG) Not classified as dangerous in the meaning of transport regulations: IMDG, ADR, RID, ICAO, IATA	
Proper shipping name	Not applicable
Hazard Class	Not applicable
IMDG Packing group	Not applicable
Marine pollutant	Not applicable

Special precautions for user related transport or transportation measures	Local transport follows in accordance with Dangerous goods Safety Management Law. Package and transport follow in accordance with Department of Transportation (DOT) and other regulatory agency requirements. Air transport (IATA): Not subject to IATA regulations. EmS FIRE SCHEDULE: Not available EmS SPILLAGE SCHEDULE: Not available

Section 15. Regulatory Information

National and/or international - information	POPs Management Law: Not applicable regulatory - Information of EU Classification Classification: Not applicable Risk Phrases: Not applicable Safety Phrase: Not applicable U.S. Federal regulations OSHA PROCESS SAFETY (29CFR1910.119): Not applicable CERCLA Section 103 (40CFR302.4): Not applicable EPCRA Section 302 (40CFR355.30): Not applicable EPCRA Section 304 (40CFR355.40): Not applicable EPCRA Section 313 (40CFR372.65): Not applicable Rotterdam Convention listed ingredients: Not applicable Stockholm Convention listed ingredients: Not applicable Montreal Protocol listed ingredients: Not applicable

Section 16. Other Information

Reference	The information contained herein is believed to be accurate. It is provided independently of any sale of the product for purpose of hazard communication. It is not intended to constitute performance information concerning the product. No express warranty, or implied warranty of merchantability or fitness for a particular purpose is made with respect to the product or the information contained herein. This Safety Data Sheet was compiled with data and information from the following sources: KOSHA, NITE, ESIS, NLM, SIDS, IPCS
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Revision number and Last date revised:11/10/2022	First Issue
Other	This SDS is prepared according to the Globally Harmonized System (GHS).

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