

Safety Data Sheet

Jessatek

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

- Product Identifier • ROC-S
- Product Use • Water softener for aggregate testing
Water tension reducer
- Supplier Name • Jessatek
566 Old Goodspur Trail
Cana, Va 24317
- Prepared By • Jessatek
Phone:(919)650-9799
- Preparation Date • January 1, 2016
- 24-Hour Emergency Phone • 919-650-9799

Section 2: Composition / Information on Ingredients

Hazardous Identification

- Sodium Hexametaphosphate 10%
CAS 68915-31-1
CLP No label element(s) required
DSD/DPD No label element(s) required
- Sodium Tripolyphosphate 5%
CAS 7758-29-4
CLP Not Classified
DSD/DPD Not Classified
- Inert ingredients 85%

Label Elements

CLP No label element(s) required
DSD/DPD No label element(s) required

Other Hazards

CLP According to Regulation(EC) No. 1272/2008 (CLP) this material is not considered hazardous.
DSD/DPD This product is not considered dangerous under the U.S OSHA 29 CFR 1910,1200 Hazard Communication Standard.

Section 3:Composition

Chemical Name	Identifiers	%
Sodium Metahexaphosphate	CAS:68915-31-1	10%
Pentasodium triphosphate	CAS:7758-29-4	5%

Section 4:First-aid Measures

Eye Contact - Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
 Skin Contact - Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
 Ingestion- Do not induce vomiting. Obtain medical attention.
 Most important symptoms/effects - No information available.
 Notes to Physician - Treat symptomatically

Section 5:Fire-fighting Measures

Unsuitable Extinguishing Media - No information available
Flash Point - No information available
Method - No information available
Autoignition Temperature - No information available
Explosion Limits
 Upper - No data available
 Lower - No data available
Sensitivity to Mechanical Impact - No information available
Sensitivity to Static Discharge - No information available
Specific Hazards Arising from the Chemical - Keep product and empty container away from heat and sources of ignition.
Hazardous Combustion Products - 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.

NFPA

Health 2	Flammability 0	Instability 1	Physical Hazards N/A
--------------------	--------------------------	-------------------------	--------------------------------

Section 6:Accidental release Measures

Personal Precautions Use personal protective equipment.Avoid contact with the skin and the eyes. Keep people away from and upwind of spill/leak.

Environmental Precautions See Section 12 for additional ecological information.

Methods for Containment and CleanUp Using absorbent material and socks mop up and contain spill. Keep container tightly closed in a dry and well-ventilated place.

Section 7:Handling and storage

Handling - Avoid contact with skin and eyes. Ensure adequate ventilation. Wear personal protective equipment.

Storage - Keep containers tightly closed in a dry, cool and well-ventilated place.

Section 8:Exposure controls / personal protection

Exposure Guidelines -This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures - Ensure that eyewash stations are close to the workstation location.

Personal Protective Equipment –

Eye/face Protection - Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Skin and body protection- Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory Protection -Follow the OSHA respirator regulations found in 29 CFR 1910.134

Hygiene Measures - Handle in accordance with good industrial hygiene and safety practice.

Section 9:Physical and chemical properties

Physical State	Powder	Liquid
Appearance		Clear
Odor		Odorless
Odor Threshold		No information available
pH		7.72 (1 %)
Melting Point/Range		No information available
Boiling Point/Range		No information available
Flash Point		No information available

Evaporation Rate	No information available
Flammability (solid,gas)	No information available
Flammability or explosive limits	
Upper	No data available
Lower	No data available
Vapor Pressure	No information available
Vapor Density	No information available
Relative Density	> 1.12
Solubility	Soluble in water
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	No information available
Molecular Formula	No information available
Molecular Weight	No information available

Section10:Stability and reactivity

Reactive Hazard	None known, based on information available
Stability Hygroscopic.	Stable under normal conditions.
Conditions to Avoid Avoid	Incompatible products.
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	None under normal use conditions
Hazardous Polymerization Hazardous	polymerization does not occur.
Hazardous Reactions	None under normal processing.

Section 11:Toxicological information

**Acute Toxicity
Component Information**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Pentasodium triphosphate	3100 mg/kg (Rat)	7940 mg/kg (Rabbit)	Not listed
Polyphosphoric Acids, Sodium Salts (68915-31-1)	3053 mg/kg (Rat)	Not listed	Not listed

Toxicologically Synergistic No information available

Products

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

Irritation	Moderately irritating to eyes and skin
Sensitization	No information available

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA
Pentasodium triphosphate	7758-29-4	Not Listed	Not Listed	Not Listed	Not Listed
Polyphosphoric Acids, Sodium Salts	(68915-31-1)	Not Listed	Not Listed	Not Listed	Not Listed

Mutagenic Effects	No information available
Reproductive Effects	No information available.
Developmental Effects	No information available.
Teratogenicity	No information available.
STOT - single exposure	Respiratory system
STOT - repeated exposure	None known
Aspiration hazard	No information available
Symptoms / effects, both acute and delayed	No information available
Endocrine Disruptor Information	No information available
Other Adverse Effects	The toxicological properties have not been fully investigated.

Section 12: Ecological information

Ecotoxicity
Do not empty into drains.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Pentasodium triphosphate	Not listed	1650 mg/L LC50 48 h	Not listed	Not listed
Polyphosphoric Acids, Sodium Salts	Not listed	Not listed	Not listed	Not listed

Section 13: Disposal considerations

Waste Disposal Methods Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Section 14: Transport information

DOT	Not regulated
TDG	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

Section 15: Regulatory information

International Inventories

Component	TSCA	DSL	NDSL	EINECS	ELINCS	NLP	PICCS	ENCS	AICS	IECSC	KECL
Pentasodium triphosphate	X	X	-	231-838-7	-		X	X	X	X	X
Polyphosphoric Acids, Sodium Salts	X	X	-	232-417-0	-		X	X	X	X	X

Legend:

- X - Listed
- E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA.
- F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.
- N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.
- P - Indicates a commenced PMN substance
- R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.
- S - Indicates a substance that is identified in a proposed or final Significant New Use Rule
- T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.
- XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B)).
- Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater.
- Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

U.S. Federal Regulations

TSCA 12(b) Not applicable
 SARA 313 Not applicable

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No
Clean Water Act	Not applicable
Clean Air Act	Not applicable

OSHA Occupational Safety and Health Administration
 Not applicable

CERCLA
 Not applicable

California Proposition 65 This product does not contain any Proposition 65 chemicals

U.S. Department of Transportation

Reportable Quantity (RQ):	No
DOT Marine Pollutant	No
DOT Severe Marine Pollutant	No

U.S. Department of Homeland Security
 This product does not contain any DHS chemicals.

WHMIS:
 This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

Section 16: Other information

Prepared By **Jessatek**
jessatek@gmail.com
 Revision Date: **10-March-2016**

Revision Summary

This document has been updated to comply with the US OSHA HazCom 2012 Standard replacing the current legislation under 29 CFR 910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Disclaimer

The information provided on this Safety Data Sheet 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