

Material Safety Data Sheet: SC-30

Supersedes Date 09/28/2009

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name SC-30
Recommended use Corrosion inhibitor
Information on Manufacturer
X-CHEM DIV. OF NCH CORP.
6141 River Road
Harahan, LA 70123

Product Code SC30
Chemical nature Aqueous solution
Emergency Telephone Number
CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

CAUTION
May cause skin irritation
May cause eye irritation
May cause respiratory tract irritation
May be harmful if swallowed

Color Colorless - Light yellow

Physical State Liquid

Odor Slight

Potential Health Effects

Principle Route of Exposure

Skin contact, Eye contact.

Primary Routes of Entry

None known

Acute Effects

Eyes

May cause eye irritation.

Skin

May cause skin irritation.

Inhalation

May cause irritation of respiratory tract.

Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity

No information available

Target Organ Effects

No information available

Aggravated Medical Conditions

Respiratory disorders, Skin disorders.

Potential Environmental Effects

See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Sodium polyacrylate	9003-04-7

4. FIRST AID MEASURES

General Advice

Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.

Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin Contact

Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.

Inhalation

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Ingestion

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.

Notes to physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point Does not flash

Method Not applicable

Autoignition Temperature No information available.

Flammability Limits in Air % No information available.

Upper No data available **Lower** No data available

Suitable Extinguishing Media

Water spray. Foam. Alcohol-resistant foam. Carbon dioxide (CO₂). Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

Material can create slippery conditions.

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** 1**Flammability** 1**Instability** 0**HMIS** **Health** 1**Flammability** 1**Instability** 0**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

**Environmental Precautions
Methods for Containment**

Do not flush into surface water or sanitary sewer system. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

**Methods for Cleaning Up
Neutralizing Agent**

Pick up and transfer to properly labeled containers. Not applicable.

7. HANDLING AND STORAGE**Handling**

Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.

Storage

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.

Storage Temperature**Minimum** 35 °F / 2 °C**Maximum** 120 °F / 49 °C**Storage Conditions****Indoor** X **Outdoor****Heated** **Refrigerated****8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH
Sodium polyacrylate	3 mg/m ³ PNOS	5 mg/m ³ PNOR	0.05 mg/m ³ 8hr OEL - Vendor data

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment**Eye/Face Protection**

Safety glasses with side-shields.

Skin Protection

For prolonged or repeated contact, use protective gloves

Respiratory Protection

In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations

Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Viscosity	Non viscous
Color	Colorless - Light yellow	Odor	Slight
Appearance	Transparent - Slightly Cloudy	pH	5.8.5
Specific Gravity	1.09	Evaporation Rate	< 1 (Butyl acetate=1)
Percent Volatile (Volume)	< 75	VOC Content (%)	0
VOC Content (g/L)	0	Vapor Pressure	>1 mmHg @ 70°F
Vapor Density	<1	Solubility	Completely soluble
Boiling Point/Range	212 °F / 100 °C		

10. STABILITY AND REACTIVITY**Chemical Stability**

Stable. Hazardous polymerization does not occur.

Conditions to Avoid

None known

Incompatible Products

Strong oxidizing agents

Hazardous Decomposition Products

Carbon oxides, Sodium oxides, Fumes of sodium.

Possibility of Hazardous Reactions

None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Sodium polyacrylate	> 40 g/kg (Rat)	no data available	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Sodium polyacrylate	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Sodium polyacrylate	not applicable				

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Sodium polyacrylate	no data available	no data available	no data available	no data available	N/A

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Inventories
TSCA Complies
DSL Complies
U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No	No	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Sodium polyacrylate	Not applicable	Not applicable

U.S. State Regulations

California Proposition 65 This product contains the following Proposition 65 chemicals

Component	CAS-No	California Prop. 65
Lead	7439-92-1	carcinogen developmental toxicity male reproductive toxicity female reproductive toxicity
Nickel	7440-02-0	carcinogen
Arsenic	7440-38-2	carcinogen
Cadmium	7440-43-9	carcinogen developmental toxicity male reproductive toxicity
Chromium	7440-47-3	carcinogen, initial date 2/27/87, developmental female, male 12/19/08

Canada

This product may not be commercially placed on the market in Canada.

WHMIS Hazard Class

Not applicable

16. OTHER INFORMATION

Prepared By	Mike McDowell
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Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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