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SAFETY DATA SHEET

Issue Date: 9 November 2015

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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: **YD-75 TANK SAVER**

Product Description: **ANTI-CORROSION AGENT**

Other Means of Identification

Product # 269
Synonyms None

Details of the Supplier of the Safety Data Sheet

Company Name CHEMCO INDUSTRIES, INC.
5731 Manchester Avenue
St. Louis, MO 63110
www.chemcoindustries.com
314-647-1888
1-800-854-4236 (to Reorder)

Emergency Telephone Number

Emergency Telephone INFOTRAC 1-800-535-5053

2. HAZARDS IDENTIFICATION

Classification (GHS-US)

Skin Irrit. 2 H315

Eye Dam. 1 H318

*Full text of H-phrases: see section 16

GHS-US Labeling

Hazard pictograms (GHS-US):



Signal word (GHS-US): Danger

Hazard statements (GHS-US):

Causes skin irritation

Causes serious eye damage

Precautionary statements (GHS-US):

Wash thoroughly after handling

Wear eye protection, protective clothing, protective gloves

If on skin: Wash with plenty of water

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a doctor, a POISON CENTER

Specific treatment (see ... on this label)

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

Other hazards: No additional information available

Unknown acute toxicity (GHS-US): Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance: Not applicable

*Full text of H-phrases: see section 16

Mixture:

Name	Product identifier	%	Classification (GHS-US)
sodium silicate (3.27) 38/40	(CAS No) 1344-09-8	7-13	Skin Irrit. 2, H315 Eye Dam. 1, H318

4. FIRST AID MEASURES

Description of first aid measures:

First-aid measures general:	If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation:	Remove victim to fresh air.
First-aid measures after skin contact:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
First-aid measures after ingestion:	Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed:

Symptoms/injuries:	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation:	None under normal use..
Symptoms/injuries after skin contact:	Causes skin irritation.
Symptoms/injuries after eye contact:	Causes serious eye damage.
Symptoms/injuries after ingestion:	Gastrointestinal complaints.

Indication of any immediate medical attention and special treatment needed:

No additional information available

5. FIRE-FIGHTING MEASURES

Extinguishing media:

Suitable extinguishing media: All extinguishing media allowed.

Special hazards arising from the substance or mixture:

Fire hazard: Not flammable.
Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

Advice for firefighters:

Firefighting instructions: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

General measures: Isolate from fire, if possible, without unnecessary risk.
For non-emergency personnel:
Protective equipment: Protective goggles. Gloves. Protective clothing.
Emergency procedures: Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.
For emergency responders:
Protective equipment: Equip cleanup crew with proper protection.
Emergency procedures: Stop leak if safe to do so. Stop release. Ventilate area.

Environmental precautions:

Avoid release to the environment. Prevent entry to sewers and public waters.

Methods and material for containment and clean up:

For containment: Contain released substance, pump into suitable containers.

Methods for cleaning up: This material and its container must be disposed of in a safe way, and as per local legislation.

Reference to other sections:
No additional information available.

7. HANDLING AND STORAGE

Precautions for safe handling:
Precautions for safe handling:

Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.

Hygiene measures: Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities:

Technical measures: Comply with applicable regulations.

Storage conditions: Keep container closed when not in use.

Incompatible products: strong acids.

Storage area: Meet the legal requirements. Store in a cool area. Store in a well-ventilated place.

Special rules on packaging: Meet the legal requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:
No additional information available

Exposure controls:

Appropriate engineering controls: Ensure good ventilation of the work station.

Personal protective equipment: Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves. Safety glasses. Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Physical state	Liquid
Appearance	Cloudy. White.
Odor	No odor
Odor threshold	No data available
pH	11 - 12
Melting point	No data available
Freezing point	No data available
Boiling point	212 °F
Flash point	> 200 °F Closed Cup
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	No data available
Explosion limits	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Vapor pressure	No data available
Relative density	No data available
Relative vapor density at 20 C	No data available
Specific gravity/density	1.1 g/ml
Solubility	Soluble in water.
Log Pow	No data available
Log Kow	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
VOC content	0 %

10. STABILITY AND REACTIVITY

Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

Chemical stability:

Stable under normal conditions.

Possibility of hazardous reactions:

Refer to reactivity.

Conditions to avoid:

Refer to Section on Incompatible Materials.

Incompatible materials:

acids.

Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Acute toxicity: Not classified.

sodium silicate (3.27) 38/40 (1344-09-8)	
LD50 oral rat	> 2000 mg/kg (Rat)

Skin corrosion/irritation:	Causes skin irritation. pH: 11 - 12
Serious eye damage/irritation:	Causes serious eye damage. pH: 11 - 12
Respiratory or skin sensitization:	Not classified.
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive toxicity:	Not classified.
Specific target organ toxicity (single exposure):	Not classified.
Specific target organ toxicity (repeated exposure):	Not classified.
Aspiration hazard:	Not classified.
Symptoms/injuries after inhalation:	None under normal use.
Symptoms/injuries after skin contact:	Causes skin irritation.
Symptoms/injuries after eye contact:	Causes serious eye damage.
Symptoms/injuries after ingestion:	Gastrointestinal complaints.

12. ECOLOGICAL INFORMATION

Toxicity:

sodium silicate (3.27) 38/40 (1344-09-8)	
LC50 fish 1	2320 mg/l (96 h; Gambusia affinis; Not neutralized)
EC50 Daphnia 1	216 mg/l (96 h; Daphnia magna; Not neutralized)
LC50 fish 2	3185 mg/l (96 h; Brachydanio rerio; Not neutralized)
EC50 Daphnia 2	247 mg/l (100 h; Daphnia magna; Eggs)
TLM fish 1	2320 ppm (96 h; Gambusia affinis; Not neutralized)

Persistence and degradability:

sodium silicate (3.27) 38/40 (1344-09-8)	
Persistence and degradability	Biodegradability: not applicable. No (test) data on mobility of the components available.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

Bioaccumulative potential:

sodium silicate (3.27) 38/40 (1344-09-8)	
Bioaccumulative potential	Bioaccumulation: not applicable.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.

14. TRANSPORT INFORMATION

Department of Transportation (DOT)

In accordance with DOT: Not regulated for transport

Additional information:

Other information: No supplementary information available.

ADR:

No additional information available.

Transport by sea:

No additional information available.

Air Transport:

No additional information available.

15. REGULATORY INFORMATION

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

California Proposition 65 - This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

16. OTHER INFORMATION

Training advice: Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of H-phrases:

Eye Dam. 1	Serious eye damage/eye irritation Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
H315	Causes skin irritation
H318	Causes serious eye damage

NFPA health hazard: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard: 0 - Materials that will not burn.

NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water

Disclaimer

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendee or users assume all risks associated with the use of this material.