



ANTI-SEIZE TECHNOLOGY
A.S.T. Industries, Inc.

CONVOY TRUCK WASH SAFETY DATA SHEET

Section 1- Product and Company Identification

Manufacture/Supplier : Anti-Seize Technology
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Section 2-Hazard Identification

GHS Classification (Hazcom 2012):

Skin corrosion/irritation-Category 1, Sub-category B

Serious eye damage/eye irritation- Category 1

Label Elements:



Signal word: Danger

Hazard Phrases:

Causes severe skin burns and eye damage

Precautionary Phrases:

Do not breath dust/fumes/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists: seek medical attention

IF ON SKIN: Rinse cautiously with water for several minutes. Take off contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If irritation persists: Get medical advice/attention.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF exposed or concerned: Get medical/advice attention.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.

Storage:

When not in use keep container closed
Keep away from children
Store locked up

Disposal: Dispose of contents in accordance with local, regional and national regulations.

Other Hazards: Harmful to aquatic life with long lasting effects.

Section 3- Composition/ Information on Ingredients

CHEMICAL	CAS NUMBER	PERCENT
EDTA	60-00-4	<10
Sodium Hydroxide	1310-73-2	<10

The specific identity and/or exact percentage of composition has been withheld as a trade secret

Section 4 – First Aid Measures

Eye: Flush eyes with water, holding the eyelids apart. Get medical attention if irritation develops or persists.

Skin: Wash thoroughly with plenty of water. Get medical attention if irritation persists.

Inhalation: Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.

Ingestion: If large amounts ingested, seek medical attention.

Most Important symptoms and effects, both acute and delayed: None known.

Indication of any immediate medical attention and special treatment needed: Immediate medical attention generally not required.

Section 5 – Fire Fighting Measures

Suitable and Unsuitable Extinguishing Media: Use water spray or fog, foam, carbon dioxide or dry chemical.

Special Hazards Arising from the Chemical: This compound will not burn . Water fog may be used to cool the containers but do . Dense smoke and noxious or toxic fumes may be generated in a fire. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

Special Equipment and Precautions for Fire-Fighters:

Material is corrosive. Ruptured containers will release their content and cause a slip hazard.

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal

protective equipment. Use caution: slip hazard.

Environmental Hazards: Prevent from entering into soil, ditches, sewers, waterways or groundwater. See Section 12, Ecological Information and Section 13, Disposal Information.

Methods and Material for Containment and Cleaning Up: Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

Section 7 – Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes. Avoid prolonged skin contact Do not transfer to unlabeled containers. Avoid breathing mist or vapors of concentrated product.

Conditions for Safe Storage, Including any Incompatibilities: Store away from extreme heat and open flames. Store away from oxidizers. Keep container closed when not in use. Keep out of reach of children. Store locked up.

Section 8 – Exposure Controls / Personal Protection

CHEMICAL NAME	EXPOSURE LIMITS
Sodium Hydroxide (1310-73-2)	ACGIH TLV: ceiling 2mg/m ³
	OSHA PEL: 2mg/m ³ , ceiling 2mg/m ³
	NIOSH IDLH: IDLH: 10mg/m ³ , ceiling 2mg/m ³

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits. Eyewash and Showers.

Individual Protection Measures:

Respiratory Protection: In operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with organic vapor/particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Skin Protection: Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact.

Eye Protection: Safety glasses or goggles recommended where needed to avoid eye contact.

General Hygiene Considerations: Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

Section 9 – Physical and Chemical Properties

Appearance: Clear Liquid	Vapor Density (air = 1): Not determined
Odor: Detergent like	Specific Gravity: 1.06
Odor Threshold: Not established	Water Solubility: Not soluble
pH: 12.9	Octanol/Water Partition Coefficient: Not available

Melting Point/Freezing Point: Not determined	Autoignition Temperature: Not available
Boiling Point: 100° C/ 212° F	Decomposition Temperature: Not available
Flash Point: None to boiling point	Viscosity: Not available
Evaporation Rate: Not determined	Explosion Properties: None
Flammable Limits: LEL: does not apply UEL: does not apply	Oxidizing Properties: Not oxidizing
Vapor Pressure: Not established	Aerosol Fire Protection Level: Not applicable
VOC Content: <0.25	Flammability (solid, gas): does not apply

Section 10 – Stability and Reactivity

Reactivity: Not reactive under normal conditions of use.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: None under normal processing

Conditions to Avoid: Use with strong oxidizing chemicals such as concentrated acids, Bleach. Do not mix with other chemicals or cleaners.

Incompatible Materials: Avoid strong oxidizing agents and acids.

Hazardous Decomposition Products: None known

Section 11 – Toxicological Information

Potential Health Effects: Eye, skin and respiratory irritation.

Eye: May cause mild irritation.

Skin: Prolonged contact may cause mild irritation of the skin.

Inhalation: No adverse effects expected at ambient temperatures. Inhalation of vapors and fumes may cause respiratory irritation .

Ingestion: Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea

Chronic Hazards: Prolonged inhalation of thermal decomposition products may result in lung damage.

Carcinogen Status: None of the components of this product are listed as carcinogens by IARC, NTP or OSHA.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water	>90mL/kg , rat		
EDTA	=1700mg/kg, rat		
Sodium Hydroxide		=1350mg/kg (rabbit)	
Sodium Silicate	=1153 mg/kg (rat)		
Sodium Carbonate	=4090 mg/kg (rat)		

Section 12 – Ecological Information

Ecotoxicity: Harmful to aquatic life with long lasting effects.

Bioaccumulative Potential: Not determined

Mobility in Soil: Not determined

Other Adverse Effects: Not determined

Section 13 – Disposal Consideration

Waste disposal: Dispose of in a responsible manner. Follow local, state and federal guidelines.

California Hazardous Waste Status: Sodium Hydroxide 1310-73-2, Toxic and corrosive

Section 14- Transport Information

DOT

Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide)

DOT Technical Name: None

DOT Hazard Class: 8

UN Number: UN3266

Packing Group: II

DOT Labels Required (49CFR172.101): None

IMDG

Shipping Description: Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide)

ID Number: UN 3266

Hazard Class: 8

Packing Group: II

Marine Pollutant: This material may meet the definition of a marine pollutant

ICAO/IATA

Shipping Description: Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide)

ID Number: UN3266

Hazard Class: 8

Packing Group: II **Labels Required:** None

Section 15 – Regulatory Information

CERCLA Hazardous Substances (Section 103)/RQ: This product, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA (40CFR302)

Chemical Name	Hazardous Substance RQ's	CERCLA/SARA RQ	Reportable Quantity (RQ)
EDTA 60-00-4	5000lbs		RQ 5000 lb final RQ RQ 2270 kg final RQ
Sodium Hydroxide	1000 lbs		RQ 1000 lb final RQ RQ 454 kg final RQ

SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: None

CWA (Clean Water Act) This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act.

Components	CWA RQ	CWA Toxic Pollutant	CWA Priority pollutant	CWA Hazardous substances
EDTA	5000 lbs			X
Sodium Hydroxide	1000 lbs			x

EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

CALIFORNIA PROPOSITION 65: This product is not known to contain listed chemicals.

Section 16 – Other Information:

The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of his product. Therefore, because the product may be used under conditions beyond our control, we assume no liability for its use.