

SECTION 1: IDENTIFICATION

Product Name: AcidSafe Liquid Degreaser/Neutralizer
Product Code(s): ALxxxx & AN33xx series numbers SDS
SDS Date: January 1, 2019

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Potential Health Effects: See Section 11 for more information

GHS Classification: Serious eye damage (Category 2A H319)

GHS Labeling Symbol:



Signal Word: Warning

Hazard Statements: Causes serious eye irritation.

Precautionary Statements:

Prevention: Wash hands thoroughly after handling. Wear 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 eye irritation persists: Get medical advice/attention.

This product **does not** contain carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

This material contains components that are considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Environmental Effects: See Section 12 for more information.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component		Sodium Carbonate	Sodium Phosphate	Water
CAS Reg. No		CAS-#497-19-8	CAS-#7601-54-9	CAS-##7732-18-5
Amount %		99.98%	0.011%	
OSHA	TWA	Not Available	Not Available	Not Available
	STEL	Not Available	5 mg/m3	Not Available
ACGIH	TWA	Not Available	Not Available	Not Available
	STEL	Not Available	Not Available	Not Available

SECTION 4: FIRST AID MEASURES

Emergency first aid procedures by route of exposure:

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if necessary.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water and consult a physician if necessary.

Skin: Wash off with soap and plenty of water. Consult a physician if necessary.

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if necessary.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: Not Available

Auto-ignition Temperature: Not Available

Flammable Limits: Not Available

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus for fire-fighting if necessary.

Products of Combustion: Hazardous decomposition products formed under fire conditions – oxides of phosphorus, sodium oxides, Carbon oxides.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: For large spills wear gloves, Tyvek suits, safety glasses, and appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away.

Environmental Precautions: Prevent discharge to open bodies of water, municipal sewers, and watercourses.

Method for Containment: Absorb spilled liquid in suitable non-flammable, inert sorbent material like mineral silicate or polypropylene sorbents.

Methods for Clean-up: Sweep or scrape up and containerize in approved chemical waste container.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Storage: Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protective Equipment (PPE)

Respiratory Protection: Wear appropriate respirator when ventilation is inadequate.

Eye/Face Protection: Safety glasses with side shields are recommended as minimum protection in industrial settings.

Hand Protection: Handle with gloves.

Body: Avoid skin contact. If product comes in contact with clothing, immediately remove soaked clothing and shower.

Other Protective Equipment: Facilities storing or utilizing this material should be equipped with eyewash and safety shower facilities.

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SAFETY DATA SHEET , continued

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance, State	Liquid
Color	Dark Purple
Odor	Not Available
pH (as is)	10.5 to 13.0
Vapor Density	0.62
Boiling Range	100°C
Vapor Pressure	Not Available
Melting Point	Not Available
Freezing Point	0°C
Flash Point	(See Section 5)
Flammability Properties	(See Section 5)
Solubility (in water)	Complete
Specific Gravity	1.026
Evaporation Rate	Not Available
Octanol/Water Partition Coefficient (KOW)	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available

SECTION 10: STABILITY AND REACTIVITY

Stability: This material is considered stable at ambient temperatures 70°C (21°C).

Condition to Avoid: No data available.

Incompatible Materials: hydrofluoric acid (hf) Contact with (hf) will produce highly toxic silicon tetrafluoride gas.

Hazardous Decomposition: Upon decomposition products formed under fire conditions – Oxides of phosphorus, Sodium oxides, Carbon oxides.

Hazardous Reactions: This product will not undergo polymerization.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS: Analysis LD50

Sodium Carbonate (CAS 497-19-8)

LD50 Oral – rat – 4,090 mg/kg

LC50 Inhalation – rat – 2 h – 5,750 mg/l

CHRONIC EFFECTS:

Sodium Phosphate (CAS 7601-54-9)

Carcinogenic Effects: A4 - Not classifiable for human or animal by ACGIH, IARC, or OSHA.

Mutagenic Effects: Not Available

Teratogenic Effects: Not Available

Developmental Toxicity: Not Available

Target Organs: **Inhalation:** May be harmful if inhaled. Causes respiratory tract irritation. **Ingestion:** May be harmful if swallowed. **Skin:** May be harmful if absorbed through skin. Causes skin irritation. **Eyes:** Causes eye irritation.

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Carcinogenic Effects: A4 - Not classifiable for human or animal by ACGIH, IARC, or OSHA.

Mutagenic Effects: Not Available

Teratogenic Effects: Not Available

Developmental Toxicity: Not Available

Target Organs: **Inhalation:** May be harmful if inhaled. Causes respiratory tract irritation. **Ingestion:** May be harmful if swallowed. **Skin:** May be harmful if absorbed through skin. Causes skin irritation. **Eyes:** Causes eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Sodium Phosphate (CAS 7601-54-9)

LC50 – *Gambusia affinis* (mosquito fish) – 28.5 mg/l – 96h

Sodium Carbonate (CAS 497-19-8)

LC50 – *Lepomis macrochirus* (Bluegill) – 300 mg/l – 96h

EC50 – *Daphnia magna* (Water flea) – 265 mg/l – 48 h

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

Not regulated as a dangerous good.

SECTION 15: REGULATORY INFORMATION

TSCA Inventory: This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

SARA 302/304: The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires facilities subject to Subparts 302 and 304 to submit emergency planning and notification information based on Threshold Planning Quantities (TPQs) and Reportable Quantities (RQs) for "Extremely Hazardous Substances" listed in 40 CFR 302.4 and 40 CFR 355. **Not listed.**

CERCLA: The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center concerning release of quantities of "hazardous substances" equal to or greater than the reportable quantities (RQ's) listed in 40 CFR 302.4. As defined by CERCLA, the term "hazardous substance" does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically designated in 40 CFR 302.4. Chemical substances present in this product or refinery stream that may be subject to this statute are: **Not listed.**

SARA 311/312 Hazard: The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires facilities subject to this subpart to submit aggregate information on chemicals by "Hazard Category" as defined in 40 CFR 370.2. This material would be classified under the following hazard categories:

Acute Health Hazard.

SARA 313: This material **does not** contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65 Components: This product **does not** contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER SUPPLEMENTAL INFORMATION

Disclaimer: Prepared by WYK Sorbents, LLC on January 1, 2019

The information and recommendations contained in the Material Safety Data Sheet (MSDS) are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of this date hereof.

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