



Car Wash, Car Wash Automative

SAFETY DATA SHEET

SECTION 1: Identification

1.1 Product identifier

Product name Car Wash, Car Wash Automative

Product number 5213, 5213A

1.4 Supplier's details

Name Ardex Labs.
Address 2050 Byberry Rd
Philadelphia, PA 19116
United States of America

Telephone 2156980500
email info@ardexlabs.com

1.5 Emergency phone number(s)

800-424-9300
CHEMTREC – TOLL FREE 24 HOUR EMERGENCY TELEPHONE
NUMBER

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Skin corrosion/irritation (chapter 3.2), Cat. 3
- Eye damage/irritation (chapter 3.3), Cat. 2B

2.2 GHS label elements, including precautionary statements

Signal word

Warning

Hazard statement(s)

H316

H320

Causes mild skin irritation

Causes eye irritation

Precautionary statement(s)

P264

P305+P351+P338

P332+P313

P337+P313

Wash hands and exposed skin thoroughly after handling.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients



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3.2 Mixtures

Hazardous components

Component	Concentration
Mixed Surfactant (trade secret)	< 40 % (Weight)
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Ethylenediamine Tetraacetic Acid, Tetrasodium Salt Dihydrate (CAS no.: 10378-23-1; EC no.: 200-573-9; Index no.: 607-428-00-2)	< 20 % (Weight)
CLASSIFICATIONS: Acute toxicity, oral (chapter 3.1), Cat. 4; Eye damage/irritation (chapter 3.3), Cat. 1; Acute toxicity, inhalation (chapter 3.1), Cat. 4; Specific target organ toxicity, single exposure (chapter 3.8), Cat. 2. HAZARDS: H302 - Harmful if swallowed; H318 - Causes serious eye damage.	

Trade secret statement (OSHA 1910.1200(i))

The specific chemical identities of the ingredients in this mixture are considered to be trade secrets and are withheld in accordance with the provisions of 1910.1200 of the code of federal regulations

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).
If inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
In case of skin contact	Remove contaminated clothing. Drench affected area with water or soap and water for at least 15 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
If swallowed	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention following exposure or if feeling unwell. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

Personal protective equipment for first-aid responders
See section 8

4.2 Most important symptoms/effects, acute and delayed

General: Causes skin irritation.



Inhalation: May cause respiratory irritation.
Skin Contact: Causes skin irritation. Not classified as corrosive to the skin according to DOT guidelines.
Eye Contact: May cause eye irritation.
Ingestion: May be harmful if ingested in large quantities.
Chronic Symptoms: None expected under normal conditions of use.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

If you feel unwell, seek medical advice

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Suitable Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable Extinguishing Media: No specific treatment

5.2 Specific hazards arising from the chemical

Fire Hazard: Not considered flammable but may burn at high temperatures.
Explosion Hazard: Product is not explosive.
Reactivity: Hazardous reactions will not occur under normal conditions.

5.3 Special protective actions for fire-fighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.
Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.
Hazardous Combustion Products: Carbon oxides (CO, CO₂).

Further information

Refer to section 9 for flammability properties.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

For non emergency personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).
Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2 Environmental precautions

May be harmful to the environment if released in large quantities. Avoid dispersal of spilled concentrate material and

runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material in concentrate

6.3 Methods and materials for containment and cleaning up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2 Conditions for safe storage, including any incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: None classified.

Specific end use(s)

Cleaning

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

CAS: 10378-23-1 (EC: 200-573-9)

Ethylenediamine Tetraacetic Acid, Tetrasodium Salt Dihydrate

8.2 Appropriate engineering controls

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection



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Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Skin protection

Wear chemically resistant protective gloves.

Body protection

Wear suitable protective clothing.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Environmental exposure controls

Do not allow the product to be released into the environment

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid, dark blue free flowing
Odor	?????
Odor threshold	No data available.
pH	9.7
Melting point/freezing point	32 °F (0 °C)
Initial boiling point and boiling range	212-231°F (100-112 °C)
Flash point	None
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1-1.2 (@20 DEG. C)
Solubility(ies)	Miscible
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Hazardous reactions will not occur under normal conditions.

10.2 Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions



Hazardous polymerization will not occur.

10.4 Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Incompatible materials.

10.5 Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

10.6 Hazardous decomposition products

Decomposition products may include the following materials:
metal oxide/oxides

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Ethylenediamine Tetraacetic Acid, Tetrasodium Salt Dihydrate: LD50 Oral - Rat - 630 - 1,260 mg/kg

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available.

Summary of evaluation of the CMR properties

No data available.

STOT-single exposure

No data available.



STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Additional information

No data available.

SECTION 12: Ecological information

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

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

Disposal of contaminated packaging

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

Waste treatment

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

Sewage disposal

Do not dispose of in sewers.

Other disposal recommendations

No data available.

SECTION 14: Transport information

DOT (US)

Not dangerous goods



IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Pennsylvania Right To Know Components

Ethylenediaminetetraacetic acid tetrasodium salt dihydrate

New Jersey Right To Know Components

Ethylenediaminetetraacetic acid tetrasodium salt dihydrate

SARA 311/312 Hazards

Ethylenediaminetetraacetic acid tetrasodium salt dihydrate

CAS-No.

10378-23-1

SECTION 16: Other information

Revision Date:

05/16/2017

Other Information:

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

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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.

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