

**Safety Data Sheet
Interior Shampoo**

SECTION 1: Identification

Product identifier

Product name Interior Shampoo
Product number 5210

Recommended use of the chemical and restrictions on use
Interior Shampoo

Supplier's details

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

Telephone 2156980500
email info@ardexlabs.com

Emergency phone number(s)

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

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

- Eye damage/irritation (chapter 3.3), Cat. 1
- Skin corrosion/irritation (chapter 3.2), Cat. 1B
- Corrosive to metals (chapter 2.16), Cat. 1

GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H290 May be corrosive to metals

Safety Data Sheet

Interior Shampoo

H314 Causes severe skin burns and eye damage
 H318 Causes serious eye damage

Precautionary statement(s)

Prevention

P234 Keep only in original container.
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P264 Wash hands and exposed skin thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER/doctor
 P363 Wash contaminated clothing before reuse.
 P390 Absorb spillage to prevent material damage.

Storage

P405 Store locked up.
 P406 Store in a corrosive resistant container with a resistant inner liner.

Disposal

P501 Dispose of contents/container to local, state, and federal regulations

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
SODIUM PHOSPHATE DODECAHYDRATE (CAS no.: 10101-89-0)	10 % (Weight)
CLASSIFICATIONS: Eye damage/irritation (chapter 3.3), Cat. 2A; Skin corrosion/irritation (chapter 3.2), Cat. 2. HAZARDS: No data available.	
Sodium metasilicate pentahydrate (CAS no.: 6834-92-0; EC no.: 229-912-9; Index no.: 014-010-00-8)	10 % (Weight)
CLASSIFICATIONS: Skin corrosion/irritation (chapter 3.2), Cat. 1B; Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3; Corrosive to metals (chapter 2.16), Cat. 1. HAZARDS: H314 - Causes severe skin burns and eye damage; H335 - May cause respiratory irritation.	
NP-9 (CAS no.: 9016-45-9)	5 % (Weight)
CLASSIFICATIONS: Acute toxicity, oral (chapter 3.1), Cat. 4; Acute toxicity, inhalation (chapter 3.1), Cat. 4; Eye damage/irritation (chapter 3.3), Cat. 1. HAZARDS: H302+H332 - Harmful if swallowed or if inhaled; H318 - Causes serious eye damage.	
SODIUM DODECYL SULFATE (CAS no.: 151-21-3)	<= 5 % (Weight)
CLASSIFICATIONS: Acute toxicity, inhalation (chapter 3.1), Cat. 4; Acute toxicity, oral (chapter 3.1), Cat. 4; Eye damage/irritation (chapter 3.3), Cat. 1; Flammable solids (chapter 2.7), Cat. 2; Skin corrosion/irritation (chapter 3.2), Cat. 2; Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3. HAZARDS: No data available.	

SECTION 4: First-aid measures

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).

Safety Data Sheet Interior Shampoo

If inhaled	Local exhaust ventilation; general dilution ventilation; use personal protection equipment (vapor gas mask) where exposed to any mist.
In case of skin contact	Flush area with water. If irritation persists get medical attention.
In case of eye contact	Flush immediately with large amounts of water for 15 minutes, lifting upper and lower lids occasionally. Get medical attention. Contact lenses should not be worn when working with this chemical.
If swallowed	Do not induce vomiting. Wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Obtain immediate medical attention.
Personal protective equipment for first-aid responders	See Section 8 for exposure and PPE recommendations

Most important symptoms/effects, acute and delayed

Alkaline. Causes burns.
Irritating to respiratory system.

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

Obtain immediate medical attention.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Suitable Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable Extinguishing Media: None known

Specific hazards arising from the chemical

Fire Hazard: Not considered flammable but may burn at high temperatures.
Explosion Hazard: Product is not explosive.

Special protective actions for fire-fighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).
Protective Equipment: Use appropriate personal protection equipment (PPE).
Emergency Procedures: Evacuate unnecessary 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.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Safety Data Sheet

Interior Shampoo

after a spill.

Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: Handling and storage

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.

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: Strong acids. Strong bases. Strong oxidizers.

Specific end use(s)

Interior Shampoo

SECTION 8: Exposure controls/personal protection

Control parameters

CAS: (not specified)

Poly(ethylene oxide)

10 mg/m³ TWA

CAS: 10101-89-0

SODIUM PHOSPHATE DODECAHYDRATE

USA. Workplace Environm: 5.000000

mg/m³ STEL

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.

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

Pictograms



Eye/face protection

Use dust-and splash-proof safety goggles where there is any possibility of liquid, mist or dust contacting the eyes.

Skin protection

Wear appropriate clothing and gloves.

Body protection

Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.

Safety Data Sheet

Interior Shampoo

Respiratory protection

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

Thermal hazards

No data available.

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	CLEAR, VISCOUS BROWNISH LIQUID
Odor	Neutral
Odor threshold	No data available.
pH	12.9
Melting point/freezing point	-10 DEG. C (18 DEG. F)
Initial boiling point and boiling range	105-112 C (221-231 F)
Flash point	None
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Vapor pressure	9.2 (@ 20 DEG. C)
Vapor density	No data available.
Relative density	1-1.21 (@20 C)
Solubility(ies)	Miscible
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	600F
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

SECTION 10: Stability and reactivity

Reactivity

Product is not reactive

Chemical stability

Product is stable

Possibility of hazardous reactions

Hazardous Polymerization Will not occur

Conditions to avoid

Direct sunlight

Incompatible materials

Avoid strong oxidizer and strong acids. Highly Electrovalent Metals (e.g. Al, Mg, Fe, etc.)

Hazardous decomposition products

Toxic Gases (such as Formic Acid and Carbon Monoxide)

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

NP-9

LD50 Oral - Rat - 960-3980 mg/kg

Remarks: Typical for this family of materials

NP-9

LD50 Skin - Rabbit - 2000-2991 mg/kg

Remarks: Prolonged skin contact is unlikely tlt in absorption of harmful amounts

NP-9

LC50 Inhalation - Rat - 1.15

Remarks: Typical for this family of materials

Sodium phosphate, tribasic

LD50 Oral - Rat - >2000 mg/kg - OECD guideline

Sodium phosphate, tribasic

LD50 Inhalation - Rat - >0.39 - 4h

Sodium phosphate, tribasic

LD50 Skin - Rabbit - 4640 mg/kg

SODIUM DODECYL SULFATE

LD50 Oral - Rat - 977 mg/kg

SODIUM DODECYL SULFATE

LD50 Skin - Rat - >2000 mg/kg

SODIUM DODECYL SULFATE

LD50 Inhalation - Rat - 3900 mg/m3 - 1h

Sodium metasilicate pentahydrate

LD50 Oral - Rat - 1152-1349 mg/kg bw

Result: Will cause chemical burns due to high alkalinity.

Sodium metasilicate pentahydrate

LC50 Inhalation - Rat - >2.06 g/m3

Result: Dust is severely irritant to the respiratory tract. All symptoms of acute toxicity are due to high alkalinity.

Sodium metasilicate pentahydrate

LD50 Inhalation - Rat - >5000 mg/kg bw

Result: Material will cause chemical burns

SODIUM PHOSPHATE DODECAHYDRATE

LD50 Oral - Rat - >2000 mg/kg

Skin corrosion/irritation

Sodium metasilicate pentahydrate

Safety Data Sheet

Interior Shampoo

Result: Material is corrosive to eyes and skin

Serious eye damage/irritation

No data available.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

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.

SECTION 12: Ecological information

Toxicity

NP-9

LC50 - Daphnia magna (water flea) - 9.3-21.4 mg/l - 48hr

Remarks: For this family of materials

NP-9

LC50 - Pimephales promelas (fathead minnow) - 3.8-6.2 mg/l - 96hr

Remarks: For this family of materials

Sodium phosphate, tribasic

EC50 - Daphnia magna (water flea) - >100 mg/l - 48h

SODIUM DODECYL SULFATE

- Freshwater Algae

Result: 3.59 - 15.6 mg/L EC50 96 h

117 mg/L EC50 = 96 h 53

mg/L EC50 = 72 h 30 - 100

mg/L EC50 96 h

SODIUM DODECYL SULFATE

- Freshwater fish - 1.31 mg/L LC50 96 h

9.9-20.1 mg/L LC50 96 h

Safety Data Sheet

Interior Shampoo

4.5 mg/L LC50 96 h
4.62 mg/L LC50 96 h
7.97 mg/L LC50 96 h
10.2-22.5 mg/L LC50 96 h
10.8-16.6 mg/L LC50 96 h
13.5-18.3 mg/L LC50 96 h
15-18.9 mg/L LC50 96 h
22.1-22.8 mg/L LC50 96 h
4.06-5.75 mg/L LC50 96 h

4.2-

Result: 3.59 - 15.6 mg/L EC50 96 h

117 mg/L EC50 = 96 h 53

mg/L EC50 = 72 h 30 - 100

mg/L EC50 96 h

SODIUM DODECYL SULFATE

- Microtox - = 0.46 mg/L EC50

Photobacterium

phosphoreum 30 min

= 0.72 mg/L EC50

Photobacterium

phosphoreum 15 min

= 1.19 mg/L EC50

Photobacterium

phosphoreum 5 min

Result: 3.59 - 15.6 mg/L EC50 96 h

117 mg/L EC50 = 96 h 53

mg/L EC50 = 72 h 30 - 100

mg/L EC50 96 h

SODIUM DODECYL SULFATE

- Waterflea - 1.8 mg/L EC50 = 48 h

Result: 3.59 - 15.6 mg/L EC50 96 h

117 mg/L EC50 = 96 h 53

mg/L EC50 = 72 h 30 - 100

mg/L EC50 96 h

Sodium metasilicate pentahydrate

LC50 - Brachydanio rerio - 210 mg/l - 96h

Sodium metasilicate pentahydrate

EC50 - Daphnia magna (water flea) - 1700mg/l - 48h

SODIUM PHOSPHATE DODECAHYDRATE

LC50 - Leuciscus idus (Golden orfe) - 2400 mg/l - 48h

Persistence and degradability

NP-9

- 2.15-2.25 mg/kg Theoretical Oxygen Demand - 28days

NP-9

- 2.09-2.25 mg/kg Chemical Oxygen Demand - 28days

Sodium metasilicate pentahydrate

Safety Data Sheet

Interior Shampoo

Result: Inorganic. Soluble silicates, upon dilution, rapidly depolymerise into molecular species indistinguishable from natural dissolved silica

Bioaccumulative potential

NP-9

- Partition coefficient: n-octanol/water(log Pow): 2.1 - 3.4 Calculated.

NP-9

- Bioconcentration factor (BCF): 5.9 - 48 Fish. Estimated.

Sodium metasilicate pentahydrate

Result: Inorganic. The substance has no potential for bioaccumulation.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

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 packaging in accordance with local, state, and federal regulations.

Waste treatment

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

Sewage disposal

Do not dispose of in sewers.

SECTION 14: Transport information

DOT (US)

UN Number: 1760

Class: 8

Packing Group: PGII

Proper Shipping Name: Compounds, cleaning liquid (Containing Sodium Metasilicate),
CORROSIVE

May be reclassified as a CONSUMER COMMODITY ORM-D
when shipped by ground in the US in containers not exceeding 38 ounces.

SECTION 15: Regulatory information

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

Massachusetts Right To Know Components

Chemical name: Sodium phosphate, tribasic

CAS number: 7758-29-4

Safety Data Sheet

Interior Shampoo

Chemical name: Sodium phosphate, tribasic
CAS number: 10101-89-0

Pennsylvania Right To Know Components

Chemical name: Triphosphoric acid, pentasodium salt
CAS number: 7758-29-4

Chemical name: Phosphoric acid, trisodium salt, dodecahydrate
CAS number: 10101-89-0

SARA 311/312 Hazards

NP-9

CAS: 9016-45-9: Acute Health Hazard

Chemical name: Phosphoric acid, trisodium salt, dodecahydrate
CAS number: 10101-89-0: Acute health hazard

SODIUM DODECYL SULFATE

CAS: 151-21-3

Acute health, Chronic Health

Toxic Substances Control Act (TSCA) Inventory

Sodium metasilicate pentahydrate

CAS: 6834-92-0: Listed

SODIUM DODECYL SULFATE

CAS: 151-21-3

Listed

New Jersey Right To Know Components

Chemical name: Phosphoric acid, trisodium salt, dodecahydrate
CAS number: 10101-89-0

SECTION 16: Other information

Revision Date:

04/19/2016

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

Ardex Laboratories, Inc. 2050 Byberry rd Philadelphia, PA 19116 T: 215-698-0500 ardexlabs.com

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.

North America GHS US 2012