

**Safety Data Sheet
New Clean**

SECTION 1: Identification

Product identifier

Product name New Clean
Product number 5202

Recommended use of the chemical and restrictions on use
All purpose cleaner

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. 1

GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

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

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Precautionary statement(s)

Prevention

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.

Storage

P405

Store locked up.

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)	<= 5 % (Weight)
CLASSIFICATIONS: Eye damage/irritation (chapter 3.3), Cat. 2A; Skin corrosion/irritation (chapter 3.2), Cat. 2. HAZARDS: No data available.	
MONOETHANOLAMINE (CAS no.: 141-43-5; EC no.: 205-483-3; Index no.: 603-030-00-8)	<= 10 % (Weight)
CLASSIFICATIONS: Acute toxicity, dermal (chapter 3.1), Cat. 4; Acute toxicity, inhalation (chapter 3.1), Cat. 4; Acute toxicity, oral (chapter 3.1), Cat. 4; Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 3; Skin corrosion/irritation (chapter 3.2), Cat. 1B; Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3. HAZARDS: H335 - May cause respiratory irritation.	
Ethylenediaminetetraacetic acid tetrasodium salt (CAS no.: 64-02-8)	<= 5 % (Weight)
CLASSIFICATIONS: Acute toxicity, inhalation (chapter 3.1), Cat. 4; Corrosive to metals (chapter 2.16), Cat. 1; Eye damage/irritation (chapter 3.3), Cat. 1; Skin corrosion/irritation (chapter 3.2), Cat. 2; Specific target organ toxicity, repeated exposure (chapter 3.9), Cat. 2. HAZARDS: No data available.	

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

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 the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

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In case of skin contact	Wash affected areas with water while removing contaminated clothing. Remove contaminated clothing. Immediate medical attention required. Wash soiled clothing immediately.
In case of eye contact	In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Immediate medical attention required.
If swallowed	Do not induce vomiting. Rinse mouth and then drink plenty of water. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

Most important symptoms/effects, acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further symptoms are possible

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

Treat according to symptoms (decontamination, vital functions), no known specific antidote

SECTION 5: Fire-fighting measures

Suitable extinguishing media

water spray, dry powder, carbon dioxide, foam

Specific hazards arising from the chemical

Hazards during fire-fighting:

nitrogen oxides, carbon oxides

The substances/groups of substances mentioned can be released in case of fire. Under certain conditions in case of fire other hazardous combustion products may be generated.

Special protective actions for fire-fighters

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear appropriate respiratory protection. Use personal protective clothing. Ensure adequate ventilation.

Environmental precautions

Do not allow product to enter environment.

Methods and materials for containment and cleaning up

Spills should be contained, solidified, and placed in suitable containers for disposal.

SECTION 7: Handling and storage

Precautions for safe handling

See SDS section 10 - Stability and reactivity. See SDS section 5 - Fire fighting measures.

Protection against fire and explosion:

Moderate explosion hazard when exposed to heat or flames. See SDS section 5 - Fire fighting

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measures.

Conditions for safe storage, including any incompatibilities

Segregate from acids and acid forming substances.

Suitable materials for containers: Carbon steel (Iron), Stainless steel 1.4401, Stainless steel 1.4301 (V2), High density polyethylene (HDPE), glass

Further information on storage conditions: Avoid extreme heat. Keep away from sources of ignition -

No smoking.

Storage stability:

Storage temperature: 20 °C

Storage duration: 5 - 12 Months

The storage stability is conditional on the used material of the storage container.

May discolour after lengthy storage.

From the data on storage duration in this safety data sheet no agreed statement regarding the warrantee of application properties can be deduced.

Specific end use(s)

All purpose cleaner

SECTION 8: Exposure controls/personal protection

Control parameters

CAS: 10101-89-0

SODIUM PHOSPHATE DODECAHYDRATE

USA. Workplace Environm: 5.000000

mg/m3 STEL

CAS: 141-43-5

Ethanolamine

Cal/OSHA: 3 ppm, (ST) 6 ppm PEL inhalation; NIOSH: 3 ppm, (ST) 6 ppm REL inhalation; OSHA: 3 ppm PEL inhalation; 6 mg/m3 PEL inhalation

Appropriate engineering controls

Provide local exhaust ventilation to control vapours/mists.

Eye wash fountains and safety showers must be easily accessible. Wear protective clothing as necessary to prevent contact.

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

Pictograms



Eye/face protection

Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

Skin protection

Wear chemically resistant gloves.

Body protection

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case

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of dust).

Respiratory protection

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator. Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination. For emergency or non-routine, high exposure situations, use a NIOSH-certified full facepiece pressure demand selfcontained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions. Observe OSHA regulations for respirator use (29 CFR 1910.134

Environmental exposure controls

Do not allow product to enter environment.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Clear free flowing liquid. Lavender/pink
Odor	Solvent
Odor threshold	No data available.
pH	12.45
Melting point/freezing point	20F (-9c)
Initial boiling point and boiling range	221-231f (105-112c)
Flash point	None
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Vapor pressure	16.2 (@20EC)
Vapor density	No data available.
Relative density	1-1.32 (@20C)
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

Reactivity

Product is nonreactive when used and stored as directed.

Chemical stability

Product is stable when used and stored as directed.

Possibility of hazardous reactions

The product is chemically stable.

Reacts with oxidizing agents.

Hazardous Polymerization will not occur

Incompatible materials

acids

Hazardous decomposition products

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No hazardous decomposition products if stored and handled as prescribed/indicated.
Hazardous decomposition products: carbon oxides, nitrogen oxides, nitrous gases

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Ethylenediaminetetraacetic acid tetrasodium salt
LD50 Oral - Rat - >2000 mg/kg

Ethylenediaminetetraacetic acid tetrasodium salt
LD50 Skin - Rat - Not Determined

SODIUM PHOSPHATE DODECAHYDRATE
LD50 Oral - Rat - >2000 mg/kg

MONOETHANOLAMINE
LD50 Oral - Rat - 1089 mg/kg

MONOETHANOLAMINE
LC50 Inhalation - 20 mg/l - 4h
Remarks: Acute toxicity estimate

MONOETHANOLAMINE
LD50 Dermal - 2000 mg/kg
Remarks: Acute toxicity estimate

Skin corrosion/irritation

Ethylenediaminetetraacetic acid tetrasodium salt
BASF - Test Skin - Rabbit
Result: Non irritant

MONOETHANOLAMINE
Dermal - Rabbit
Result: Causes burns

Serious eye damage/irritation

Ethylenediaminetetraacetic acid tetrasodium salt
BASF- Test Eye - Rabbit
Result: Irritant

MONOETHANOLAMINE
- Rabbit
Result: Risk of serious damage to eyes

Respiratory or skin sensitization

MONOETHANOLAMINE
- Guinea pig
Result: Does not cause skin sensitisation

Germ cell mutagenicity

No data available.

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Carcinogenicity

No data available.

Reproductive toxicity

No data available.

Summary of evaluation of the CMR properties

No data available.

STOT-single exposure

MONOETHANOLAMINE

Inhalation

Result: May cause respiratory irritation

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Additional information

No data available.

SECTION 12: Ecological information

Toxicity

Ethylenediaminetetraacetic acid tetrasodium salt

LC50 - Leuciscus idus (golden orfe) - >500 mg/l - 96hr

Ethylenediaminetetraacetic acid tetrasodium salt

EC50 - Aquatic invertebrates - >100 mg/l - 48hr

SODIUM PHOSPHATE DODECAHYDRATE

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

MONOETHANOLAMINE

LC50 - Cyprinus carpio (Carp) - 349 mg/l - 96h

Remarks: semi static test

MONOETHANOLAMINE

EC50 - Daphnia magna (water flea) - 65 mg/l - 48h

Remarks: semi static test

MONOETHANOLAMINE

ErC50 - Pseudokirchneriella subcapitata (green algae) - 2.5 mg/l - 72h

MONOETHANOLAMINE

NOEC - Daphnia magna (water flea) - .85mg/l - 21d

MONOETHANOLAMINE

NOEC - Oryzias latipes (Orange-red killifish) - 1.2 mg/l - 21d

Persistence and degradability

No data available.

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Bioaccumulative potential

Ethylenediaminetetraacetic acid tetrasodium salt
COD - 256 mg/g

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

No hazardous decomposition products if stored and handled as prescribed/indicated. Hazardous decomposition products: carbon oxides, nitrogen oxides, nitrous gases

Disposal of contaminated packaging

Dispose of as unused product.

Waste treatment

No data available.

Sewage disposal

Do not dispose of product in sewers.

SECTION 14: Transport information

UN Number	1760
UN Proper Shipping Name	Compunds, cleaning liquid (Containing Ethanolamine)
Transport hazard class(es)	8
Packing group	II

Environmental hazards

CORROSIVE

Special precautions for user

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

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: 10101-89-0

CAS: 1310-73-2 Sodium Hydroxide 5064-31-3 trisodium nitrilotriacetate

Pennsylvania Right To Know Components

Chemical name: Phosphoric acid, trisodium salt, dodecahydrate

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CAS number: 10101-89-0

Chemical name: Ethanol, 2-amino-
CAS number: 141-43-5

CAS: 1310-73-2 Sodium Hydroxide

New Jersey Right To Know Components

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

Common name: ETHANOLAMINE
CAS number: 141-43-5

CAS: 1310-73-2 Sodium Hydroxide

SARA 311/312 Hazards

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

Acute, Chronic

Cercla RQ

1000lbs, CAS:1310-73-2, Sodium Hydroxide

SECTION 16: Other information

Revision Date:
05/25/2016

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

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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.

North America GHS US 2012