

GLB NATURAL CLEAR

Version 1.1

SDS Number: 000000023855

Revision Date: 2018.03.07

SECTION 1. IDENTIFICATION

Product name : GLB NATURAL CLEAR

Product code : 000000023855

Manufacturer or supplier's detailsCompany : Arch Chemicals, Inc.
1200 Bluegrass Lakes Parkway
Alpharetta, GA
30004
United States of America (USA)

E-mail address : sds@lonza.com

Emergency telephone number : In case of emergency call CHEMTREC US: 1-800-424-9300,
CHEMTREC WORLD-WIDE: +1-703-527-3887.**Recommended use of the chemical and restrictions on use**Recommended use : Water treatment chemical

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Not a hazardous substance or mixture according to US Regulation 29 CFR 1910.1200

GHS label elements

Not a hazardous substance or mixture according to US Regulation 29 CFR 1910.1200

Based on available data, the classification criteria are not met. Handle in accordance with good industrial hygiene and safety practice.

Precautionary statements : **Prevention:**
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P262 Do not get in eyes, on skin, or on clothing.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P270 Do not eat, drink or smoke when using this product.
Response:
P314 Get medical advice/ attention if you feel unwell.
Storage:
P410 + P403 Protect from sunlight. Store in a well-ventilated place.
P402 + P404 Store in a dry place. Store in a closed container.
Disposal:
P501 Dispose of contents/container in accordance with local regulation.**Other hazards**None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Mixture

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Hazardous componentsNo hazardous ingredients

SECTION 4. FIRST AID MEASURES

- If inhaled : IF INHALED: Remove individual to fresh air. Seek medical attention if breathing becomes difficult or if respiratory irritation develops.
- In case of skin contact : IF ON SKIN: Flush skin with water for 15 minutes. Take off all contaminated clothing. Seek medical attention if irritation develops.
- In case of eye contact : IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops.
- If swallowed : IF SWALLOWED: Immediately drink water to dilute. Seek medical attention if symptoms develop. Never give anything by mouth to an unconscious person.
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SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Not Applicable. - Choose extinguishing media suitable for surrounding materials.
- Specific hazards during firefighting : Material will not ignite or burn.
- Further information : In case of fire, use normal fire-fighting equipment and the personal protective equipment recommended in Section 8 to include a NIOSH approved self-contained breathing apparatus.
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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use the personal protective equipment recommended in Section 8 and a NIOSH approved self-contained breathing apparatus.

Environmental precautions

- Air : Not applicable
- Water : If the product contaminates rivers and lakes or drains inform respective authorities.
- Soil : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
The product should not be allowed to enter drains, water courses or the soil.
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SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Do not take internally. Avoid contact with skin, eyes and clothing.

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Upon contact with skin or eyes, wash off with water.
Avoid breathing mist or vapor.

Conditions for safe storage : Store in a cool, dry and well ventilated place. Isolate from incompatible materials.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

Appropriate engineering controls

Engineering measures : Ventilation beyond that of general exhaust is not normally required. No exposure limits exist for the constituents of this product.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Remarks : Wear impervious gloves to avoid skin contact.

Eye protection : Use safety glasses with side shields.

Skin and body protection : Impervious

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : clear

Colour : yellow

Odour : Floral

Odour Threshold : no data available

pH : 6 - 8

Melting point/freezing point : no data available

Boiling point/boiling range : no data available

Flash point : no data available

Evaporation rate : no data available

Flammability (solid, gas) : Product is not known to be flammable, combustible, pyrophoric or explosive.

Upper explosion limit : no data available

Lower explosion limit : no data available

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Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	0.99 - 1.1
Density	:	no data available
Solubility(ies)		
Water solubility	:	soluble
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Decomposition temperature	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
Oxidizing properties	:	no data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	:	High temperatures
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : This product will not exert a significant adverse effect to health from any route of exposure.

Acute toxicity

Acute oral toxicity (LD50) : Believed to be > 5,000 mg/kg
Species: Rat

Acute dermal toxicity (LD50) : Believed to be > 2,000 mg/kg
Species: Rabbit

Skin corrosion/irritation

Skin irritation : Remarks: Not expected to be irritating.

Serious eye damage/eye irritation

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Eye irritation : Assessment: This material is expected to be non-irritating.
Remarks: Contact would be expected to cause transient redness if not washed out and left in the eye for an extended period of time.
Not considered to be a primary eye irritant.

Respiratory or skin sensitisation

Sensitisation : Remarks: Repeated contact may cause allergic reactions in very susceptible persons.

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.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

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.

ACGIH

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

Further information

Remarks: no data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Other adverse effects

Ozone-Depletion Potential : Regulation: US. EPA Clean Air Act (CAA) Section 602 Ozone-Depleting Substances (40 CFR 82, Subpt. A, App A & B)
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : No ecological information available.

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SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : If this product becomes a waste, it will be a nonhazardous waste.

SECTION 14. TRANSPORT INFORMATION**IATA** Not dangerous goods

UN number : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : no

IMDG Not dangerous goods

UN number : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : Marine pollutant: no

ADR Not dangerous goods

UN number : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : no

RID Not dangerous goods

UN number : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : no

DOT Not dangerous goods

UN number : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : no

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TDG	:	Not dangerous goods
UN number	:	Not applicable
Proper shipping name	:	Not applicable
Transport hazard class	:	Not applicable
Packing group	:	Not applicable
Environmental hazards	:	no
Special precautions for user	:	none
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	:	Not applicable

SECTION 15. REGULATORY INFORMATION**TSCA list**

US. Toxic Substances Control Act : Listed

EPCRA - Emergency Planning and Community Right-to-Know Act**CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium hydroxide	1310-73-2	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards

See above: SECTION 2. Hazard Identification-GHS Classification

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

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This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

Components	CAS-No.	Component RQ (lbs)
Sodium hydroxide	1310-73-2	1000

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

Components	CAS-No.	Concentration
Sodium hydroxide	1310-73-2	

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations**Massachusetts Right To Know**

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know

No components are subject to the Pennsylvania Right to know act

New Jersey Right To Know

No components are subject to the New Jersey Right to know act

California Prop. 65

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 INFORMATION

Arch is a wholly-owned subsidiary of Lonza and continues to operate as Arch Chemicals, Inc.
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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and

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may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.