

# SAFETY DATA SHEET



**Product Name: ACCO Aqua Kleer-D**

Release Date: 1/6/2021

Product Number: 102-220550

## 1. Identification

Product Identifier:	ACCO Aqua Kleer-D
Other means of identification:	SHMP
CAS Number:	68915-31-1 Alt GAS: 10124-56-8
Recommended Use:	Water Treatment.
Recommended Restrictions:	No specific uses advised against are identified.
Supplier/Distributor Information:	ACCO Unlimited Corporation 5105 NW Johnston Dr. Johnston, IA 50131 (800) 548-2226

**EMERGENCY PHONE NUMBER: 800-424-9300 CHEMTREC**

## 2. Hazard(s) Identification

OSHA/HCS status.....This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture.....Physical hazards: Not classified.  
Health hazards: Not classified.  
Environmental hazards: Not classified.  
OSHA defined hazards: Not classified.

Hazard Statements.....Not classified.

Other hazards.....This substance is not classified as PBT or vPvB according to current EU criteria.

## Section 3. Composition/information on ingredients

### Substances

Chemical name	Sodium Hexametaphosphate
CAS number	68915-31-1
Chemical formula	(NaPO <sub>3</sub> ) <sub>6</sub>

## **Section 4. First aid measures**

General information: Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.

Skin Contact: Brush off loose particles from skin. Remove affected person from source of contamination. Rinse immediately with plenty of water.

Eye contact: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.

Protection of first aiders: First aid personnel should wear appropriate protective equipment during any rescue.

Most important symptoms and effects, both acute and delayed :

General information: See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation: Dust may irritate the respiratory system. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

Ingestion: May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact: Prolonged contact may cause dryness of the skin.

Eye contact: Dust may cause slight irritation.

Indication of immediate medical attention and special treatment needed:

Notes for the doctor: Treat symptomatically.

Specific treatments: No special treatment required.

## **Section 5. Fire-fighting measures**

Extinguishing media:

Suitable extinguishing media: The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture:

Specific hazards: None known.

Hazardous combustion products: Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

Advice for firefighters:

Protective actions during firefighting: Avoid breathing fire gasses or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard firefighters clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

## **Section 6. Accidental release measures**

Personal precautions, protective equipment and emergency procedures:

Personal precautions: Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage.

Environmental precautions

Environmental precautions: Stop leak if safe to do so. Avoid discharge to the aquatic environment.

Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

Methods and material for containment and cleaning up:

Methods for cleaning up: Wear protective clothing as described in Section 8 of this safety data sheet.

Clear up spills immediately and dispose of waste safely. Reuse or recycle products wherever possible. Approach the spillage from upwind. Avoid generation and spreading of dust. Small

Spillages: Remove spillage with vacuum cleaner or collect with a shovel and broom, or similar. Large Spillages: Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labeled with correct contents and hazard symbol. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Reference to other sections: For personal protection, see Section 8. For waste disposal, see Section 13.

## **Section 7. Handling and storage**

Precautions for safe handling:

Usage precautions: Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Avoid handling which leads to dust formation.

Advice on general occupational hygiene: Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

Conditions for safe storage, including any incompatibilities:

Storage precautions: Store away from incompatible materials (see Section 10). Store in accordance with local regulations.

Storage class: Unspecified storage.

Specific end use(s):

Specific end use(s): The identified uses for this product are detailed in Section 1.

## Section 8. Exposure controls/personal protection

Exposure controls

Protective equipment

# 80

Appropriate engineering controls: Provide adequate ventilation. Good general ventilation should be adequate to control worker exposure to airborne contaminants.

Eye/face protection: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with OSHA 1910.133. The following protection should be worn: Dust-resistant, chemical splash goggles.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection: Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

Hygiene measures: Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

Respiratory protection: Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m<sup>3</sup>. Wear a suitable dust mask.

Environmental exposure controls: Not regarded as dangerous for the environment.

## Section 9. Physical and chemical properties

Information on basic physical and chemical properties

<b>Appearance</b>	Powder. or Solid.
<b>Color</b>	White.
Odor	Odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	No information available.
Melting point	640 °C/1184 °F
Initial boiling point and range	Not applicable.
Flash point	Not applicable.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapor pressure	No information available.
Vapor density	No information available.
Relative density	1.25
Solubility(ies)	Soluble in water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	Not applicable.
Other Information	None.
Molecular weight	611.77 g/mol

## Section 10. Stability and reactivity

**Reactivity:** See the other subsections of this section for further details.

**Stability:** Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

**Possibility of hazardous reactions:** No potentially hazardous reactions known.

**Conditions to avoid:** Avoid handling which leads to dust formation. Avoid heat, flames and other sources of ignition.

**Materials to avoid:** Oxidizing agents.

**Hazardous decomposition products:** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

## Section 11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Summary: Based on available data the classification criteria are not met.

Notes (oral LD50): LD50 6600 mg/kg, Oral, Rat

Acute toxicity - dermal

Summary: Based on available data the classification criteria are not met.

Notes (dermal LD50): LD50 >7940 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Summary: Based on available data the classification criteria are not met.

Skin corrosion/Irritation

Summary: Based on available data the classification criteria are not met.

Serious eye damage/Irritation

Summary: Based on available data the classification criteria are not met.

Respiratory sensitization

Summary: Based on available data the classification criteria are not met.

Skin sensitization

Summary: Based on available data the classification criteria are not met.

Germ cell mutagenicity

Summary: Based on available data the classification criteria are not met.

Carcinogenicity

Summary: Based on available data the classification criteria are not met.

IARC carcinogenicity: None of the ingredients are listed or exempt.

Reproductive toxicity

Summary: Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

Summary: Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

Summary: Based on available data the classification criteria are not met.

Aspiration hazard

Summary: Not relevant. Solid.

General Information: No specific health hazards known. Dust may irritate the eyes and the respiratory system. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation: Dust may irritate the respiratory system. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

Ingestion: May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact: Prolonged contact may cause dryness of the skin.

Eye contact: Dust may cause slight irritation.

Route of exposure: Ingestion, Inhalation, Skin and/or eye contact

Target Organs: No specific target organs known.

## Section 12. Ecological information

Ecotoxicity: Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

Acute aquatic toxicity

Summary: Based on available data the classification criteria are not met.

Chronic aquatic toxicity

Summary: Based on available data the classification criteria are not met.

Bioaccumulative potential

Bio-Accumulative Potential: No data available on bioaccumulation.

Partition coefficient: No information available.

Mobility in soil

Mobility: The product is water-soluble and may spread in water systems.

Other adverse effects

Other adverse effects: None known.

## Section 13. Disposal considerations

Waste treatment methods

General information: The generation of waste should be minimized or avoided wherever possible.

Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

Disposal methods: Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

## Section 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

UN Number

UN No. (International) Not applicable.

UN No. (DOT) Not applicable.

UN proper shipping name

Proper shipping name (International) Not applicable.

Proper shipping name (DOT) Not applicable.

Transport hazard class(es)

Transport Labels (International) No transport warning sign required.

DOT transport labels

No transport warning sign required.

Packing group

Packing group (International) Not applicable.

DOT packing group Not applicable.

## Environmental hazards

### Environmentally Hazardous Substance

No.

### Special precautions for user

Not applicable.

DOT reportable quantity Not applicable.

DOT TIHZone Not applicable.

Transport in bulk according to Not applicable.

Annex ff of MARPOL 73n8

and the IBC Code

## Section 15. Regulatory information

### US Federal Regulations

#### SARA Section 302 Extremely Hazardous Substances Tier ff Threshold Planning Quantities

None of the ingredients are listed.

#### CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

None of the ingredients are listed.

#### SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed.

#### SARA 313 Emission Reporting

None of the ingredients are listed.

#### CAA Accidental Release Prevention

None of the ingredients are listed.

#### OSHA HighlyHazan:k>us Chemicals

None of the ingredients are listed.

### US State Regulations

#### California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed or exempt.

#### New Jersey "Right To Know" List

None of the ingredients are listed.

#### Pennsylvania "Right To Know" List

Present.

### Inventories

#### EU - EINECSJELINCS

EINECS

#### Canada - DSUNDSL

DSL

#### US-TSCA

Present.

#### Australia - AICS

Present.

#### Japan-ENCS

Present.

#### Korea-KECI

Present.



China–IECSC  
Present.

Philippines - PICCS  
Present.

New Zealand - NZIOC  
Present.

Taiwan - TCSI  
Present.

## Section 16. Other information

Abbreviations and acronyms used in the safety data sheet TOG: The transport of dangerous goods act

IATA: International air transport association.  
ICAO: Technical instructions for the safe transport of dangerous goods by air.  
IMDG: International maritime dangerous goods.  
CAS: Chemical abstracts service.  
ATE: Acute toxicity estimate.  
LC<sub>50</sub>: Lethal concentration to 50 % of a test population.  
LD<sub>50</sub>: Lethal dose to 50% of a test population (median lethal dose).  
EC<sub>50</sub>: 50% of maximal effective concentration.  
PBT: Persistent, bioaccumulative and toxic substance.  
vPvB: Very persistent and very bioaccumulative.

Training advice Read and follow manufacturer's recommendations. Only trained personnel should use this material.

Revision date 10/7/2020

NFPA- health hazard Irritation, minor residual injury. (1)

NFPA- flammability hazard Will not burn. (0)

NFPA- instability hazard Normally stable. (0)

NFPA - special hazard W (with horizontal line through center)

### HMIS

Health Hazard: 1

Fire Hazard: 0

Physical hazards: 0

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