

SAFETY DATA SHEET



Product Name: ACCO Blend50-L

Release Date: 10/18/2022

Product Number:

1. Identification

Product Identifier	ACCO Blend50-L
Other means of identification	Blend of Phosphates
CAS Number:	68915-31-1, 7758-29-4, 7558-80-7
Recommended Use:	Water treatment.
Recommended Restrictions:	None known.
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.

Signal word.....None

Hazard Statements.....Based on currently available data, the product does not meet the regulatory definition of a hazardous substance. However good industrial hygiene practices should be used in handling it. Causes mild skin irritation. Causes eye irritation.

Precautionary Statements

Prevention.....Wash thoroughly after handling.

Response.....IF ON SKIN. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage/Disposal.....Dispose of content and/or container in accordance with local, regional, and national international regulations.

Inhalation

Acute (Immediate): Low acute inhalation toxicity.

Chronic (Delayed): No data available.

Skin

Acute (Immediate): May cause mild irritation.

Chronic (Delayed): No data available.

Eye

Acute (Immediate): May cause mild irritation.

Chronic (Delayed): No data available.

Ingestion

Acute (Immediate): Ingestion of large quantities may cause nausea, vomiting, diarrhea, abdominal cramps, decreased blood pressure, decreased heart rate, coma.

Chronic (Delayed): No data available.

Carcinogenic Effects: This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogen.

Section 3. Composition/information on ingredients

Dry Mixture Plus Water

Chemical name	Concentration (weight %)	CAS#
Pentasodium Triphosphate	2% to 10%	7758-29-4
Sodium Polymetaphosphate	2% to 10%	68915-31-1
Disodium Diphosphate	2% to 10%	7758-16-19
Sodium Phosphate Monobasic	2% to 40%	7758-80-7

Section 4. First aid measures

Inhalation: Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin contact: Wash skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Thoroughly clean shoes before reuse. If irritation develops and persists, get medical attention.

Eye contact: In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. Remove contact lenses if worn. If eye irritation persists: get medical attention/advice.

Ingestion: If swallowed give 2-3 glasses of water if victim is conscious and alert. Do not give anything by mouth to an unconscious person. Induce vomiting (only in conscious persons). Seek immediate medical attention. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

Notes to Physician: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Ingestion of large quantities of phosphate salts (over 1.0 grams for an adult) may cause an osmotic catharsis resulting in diarrhea and probable abdominal cramps.

Larger doses such as 4-8 grams will almost certainly cause these effects in everyone. In healthy individuals most of the ingested salts will be excreted in the feces with the diarrhea and , thus, no cause any systemic toxicity. Treatment should take into consideration both anionic and cationic portion of the molecule.

Other information: Call 911 or emergency medical service. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

Section 5. Fire-fighting measures

Extinguishing Media: Not combustible. Use extinguishing media suitable for surrounding fire.

Firefighting Procedures: Keep unauthorized personnel away.

Hazardous combustion products: Oxides of sodium, oxides of phosphorus.

Protection of firefighters: Structural firefighters' protective clothing will only provide limited protection.

Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6. Accidental release measures

Personal precautions: Do not touch or walk through spilled material.

Emergency procedures: Wear appropriate protective gear.

Environmental precautions: Prevent entry into waterways, sewers, basements or confined areas.

Containment/Cleanup: Dike spill using absorbent or impervious materials such as earth, sand, or clay.

Absorb with earth, sand, or other non-combustible material. Sweep or vacuum up and place in an appropriate closed container. Do not return material to its original container.

Section 7. Handling and storage

Handling: Keep containers closed when not in use.

Storage: Store in a cool, dry place.

Incompatible Materials: None known.

Section 8. Exposure controls/personal protection

Personal Protective Equipment: Safety glasses, Gloves

Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face: Wear protective eyewear (goggles, face shield, or safety glasses).

Hands: Wear appropriate gloves.

General Industrial Hygiene: Do not get in eyes or on skin or clothing. Handle in accordance with good industrial hygiene and safety practice.

Exposure Limits/Guidelines: No exposure limits were found for this product or any of its ingredients.

Section 9. Physical and chemical properties

Appearance:	Colorless liquid with no odor
Physical state:	Liquid
Color:	Colorless
Odor:	Odorless
Odor threshold:	Odorless
pH:	4.5 to 5.5 (1% solution)
Freezing Point:	30 degrees F
Initial Boiling point/Boiling Range:	220 degrees F
Flash point:	None
Evaporation rate:	NA
Flammability (solid, gas):	None

Upper/lower flammability or explosive limits:	None
Vapor pressure (mmHg@20 °C):	NDA
Vapor density (Air=1):	NDA
Relative density (Specific gravity):	1.35
Solubilities (water):	100% soluble
Partition coefficient (n-octanol/water):	NDA
Auto-ignition temperature:	NDA
Decomposition temperature:	NDA
Viscosity:	NDA
Density:	NDA
Dry Time (Ether=I):	NDA
% Volatile by Volume	Not Applicable

Section 10. Stability and reactivity

Chemical stability: Stable

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: None known.

Incompatible materials: None known.

Hazardous decomposition products: Oxides of phosphorus. Oxides of sodium.

Section 11. Toxicological information

Acute toxicity:

Ingredient Information:

Component Name	Concentration	CAS	Data
Polyphosphoric acid, sodium salts	2% to 10%	68915-	Acute toxicity: oral-rat LD50: 6,200 mg/kg Irritation: eye-rabbit, 150 mg/l Mild
Pentasodium Triphosphate	2% to 10%	7758-29-	Acute toxicity: oral-rat LD50: 3,900 mg/kg
Sodium Phosphate Phosphate	2% to 40%	7558-80-	Acute toxicity: oral –rat LD50: 8,290 mg/kg
Disodium Diphosphate	2% to 10%	7758-	Acute toxicity: oral-rat LD50: 3500 mg/kg

Section 12. Ecological information

Ecological Fate: The product is completely soluble in water and is expected to slightly affect the pH of the water. Sodium Polyphosphates in aqueous solution will very slowly hydrolyze to a Sodium Orthophosphate. Inorganic orthophosphates, in contact with soil, subsurface or surface waters, may be taken up by plants and utilized as essential nutrients. Phosphates may also form precipitates, usually with Calcium or Magnesium. The resultant compounds are insoluble, becoming part of the soil.

Persistence and degradability: See above.

Bioaccumulation potential: See above.

Mobility in soil: See above.

Other adverse effects: The aquatic toxicity for this product has not been determined.

Section 13. Disposal considerations

Disposal instructions: Dispose of content and/or container in accordance with local, regional and national regulations

Section 14. Transport information

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

DOT- United States Department of Transportation
Shipping Name: Not regulated

TDG- Canada- Transport of Dangerous Goods
Shipping Name: Not regulated

IATA- International Air Transport Association
Shipping Name: Not regulated

Section 15. Regulatory information

USA:

United States Federal Regulations:

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:

SARA Hazard Classifications None

Risk and Safety Phrases None

Section 313 - List of Toxic Chemicals (40CFC372): None Listed

STATE REGULATIONS:

This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

California Proposition 65: None Listed

New Jersey Right to Know: None Listed

Pennsylvania Right to Know: None Listed

Massachusetts Right to Know: None Listed

Section 16. Other information

Revision Date: 8/31/2022

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