



Safety Data Sheet

Spray-Aide®

OSHA HCS 2024
Canadian Workplace Hazardous Material Information System (WHMIS) 2015 rev 2022
Mexico NOM-018-STPS-2000; NOM-018-STPS-2015
GHS (Globally Harmonized System)

Issue Date 24/Dec/2025
Print Date 27/Jan/2026

Revision Number 1.1.1 NA
Page 1 of 10

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Spray-Aide®
Pure substance/mixture Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Water Conditioner.
Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Manufacturer Miller Chemical and Fertilizer, LLC
120 Radio Rd
Hanover, PA 17331
Tel.: 717-632-8921
Fax.: 717-646-1104

Internet <http://www.millerchemical.com>

E-mail info@millerchemical.com

1.4. Emergency telephone number CHEMTREC: +1 800 424 9300 or International 1+703-527-3887

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

OSHA Regulatory Status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
GHS Classification	Considered a hazardous substance or mixture according to the Globally Harmonized System (GHS)
Physical Hazards	Not classified.
Health Hazards	Eye irritation Cat. 2; H319 Acute tox. inhalation, Cat. 4; H332
Environmental Hazard	Not classified.

2.2. Label elements**Symbols/Pictograms****Signal Word**

Warning

Hazard StatementsH318 - Causes serious eye damage
H332 - Harmful if inhaled**Precautionary Statements****Prevention**Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing mists/spray.
Use only outdoors or in a well-ventilated area**Response**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
IF INHALED: Remove person to fresh air and keep comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell**Additional information**

Not applicable

Hazards not otherwise classified (HNOC) None known**Hazards associated with known or reasonably anticipated uses** None known**Unknown Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity

SECTION 3: Composition/information on ingredients

Pure substance/mixture Mixture

Chemical Name	CAS NUMBER:	Weight-%
Polyethylene glycol alkyl ether phosphate	108818-88-8	> 65 - =< 85
Phosphoric Acid	7664-38-2	> 5 - =< 10

Additional information *The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: First aid measures**4.1. Description of first aid measures****General Advice**

When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.

Eye Contact

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.

Skin Contact

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Ingestion

DO NOT INDUCE VOMITING. If vomiting occurs naturally, reduce the risk of aspiration by leaning their body forward. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Inhalation

Remove person to fresh air and keep comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for treatment advice.

4.2. Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. Skin irritation. Harmful if inhaled.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment should be symptomatic and supportive. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable Extinguishing Media**

Foam. Dry chemical. Carbon dioxide (CO₂). Water spray (fog). Sand/Earth.

Unsuitable Extinguishing Media

Issue Date 24/Dec/2025

Print Date 27/Jan/2026

Page 4 of 10

None known.

5.2. Special hazards arising from the substance or mixture

None known.

5.3. Advice for firefighters**Special protective equipment for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing.

Fire-fighting measures

Water mist may be used to cool closed containers. No special fire protection measures are necessary. Standard procedure for chemical fires.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Keep unauthorized personnel away. Use personal protection recommended in Section 8. In case of fire: Stop leak if safe to do so.

For non-emergency personnel

Keep unauthorized personnel away.

For emergency responders

Keep unauthorized personnel away. Use personal protection recommended in Section 8.

6.2. Environmental precautions

Avoid runoff to waterways and sewers.

6.3. Methods and material for containment and cleaning up

This material should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water. Absorb the liquid on material such as sand, vermiculite, or other inert, noncombustible absorbent and place in a clean, dry container suitable for disposal.

6.4. Reference to other sections

See Section 8 for exposure controls and personal protection. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear appropriate personal protective clothing to prevent skin contact.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed and dry. Store away from incompatible materials. Keep out of reach of children.

7.3. Specific end use(s)

See Section 1.2.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational exposure limits**

Issue Date 24/Dec/2025

Print Date 27/Jan/2026

Page 5 of 10

OSHA

Handle in accordance with good industrial hygiene and safety practice

Phosphoric Acid - 7664-38-2

OSHA - Final PELs - TWA	1 mg/m ³ TWA
ACGIH	3 mg/m ³
Canada - British Columbia - OEL- STELs	3 mg/m ³
Canada - Ontario - OEL - STEVs	3 mg/m ³ STEL
Canada - Ontario - OEL - TWA EVs	1 mg/m ³

Biological Limit Values

No information available

8.2. Exposure controls**Engineering Measures**

Provide a good standard of controlled ventilation (5 to 10 air changes per hour).
Use exhaust ventilation to keep airborne concentrations below exposure limits. In
case of insufficient ventilation, wear suitable respiratory equipment.

Personal protective equipment

Eye/Face Protection	Wear safety glasses with side shields (or goggles).
Skin and Body Protection	Wear suitable protective clothing.
Hand Protection	Impervious gloves: chemical resistant EN 420.
Respiratory Protection	In case of inadequate ventilation wear respiratory protection. NIOSH P95.
Thermal hazards	None known.

Hygiene Measures

Follow general hygiene considerations recognized as common good workplace practices.

**Environmental Exposure
Controls**

Dispose of in accordance with local regulations.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Appearance:**

Physical State	Liquid
Color	Clear
Odor	Mild
pH:	2.0 - 3.0 @ 20 °C
Melting point / Freezing point	Not available
Boiling Point / Boiling Range	>= 212 °F (100 °C)
Freezing Point	Not determined
Flash Point	> 212°F (100°C)
Evaporation Rate	Not determined
Flammability	Not determined
Vapor Pressure	Not determined
Relative Vapor Density	Not determined
Density	1.08 to 1.15 g/ml
Water Solubility	Soluble
Partition coefficient	No information available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	< 100 cps @ 23° C.
Kinematic viscosity	No data available
Oxidizing Properties	Not applicable
Particle Characteristics	No information available
Percent Volatile	Not determined
VOC Content (%)	Not applicable

9.2. Other information**9.2.1. Information with regard to physical hazard classes**

No data available

9.2.2. Other safety characteristics

Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity	Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions
10.3. Possibility of hazardous reactions	No specific hazard known
10.4. Conditions to avoid	None known
10.5. Incompatible materials	Strong oxidizing agents
10.6. Hazardous decomposition products	Carbon oxides

SECTION 11: Toxicological information

Issue Date 24/Dec/2025

Print Date 27/Jan/2026

Page 7 of 10

General Information

Users are advised to consider national Occupational Exposure Limits or other equivalent values.

Information on Likely Routes of Exposure

Inhalation	Avoid inhalation of the product
Skin	Slightly irritating Not classifiable
Eyes	Avoid contact with eyes Causes eye irritation
Ingestion	Ingestion is not a likely route of exposure

11.1. Information on toxicological effects**Phosphoric Acid**

LD50s and LC50s

= 2740 mg/kg Dermal LD50
> 850 mg/m³ Inhalation LC50
= 1530 mg/kg Oral LD50

Skin Corrosion/Irritation

Skin Corr. 1B: H314 (C >= 25 %); Skin Irrit. 2: H315 (10 % <= C <25 %); Eye Irrit.
2 H319 (10 % <= C <25 %)

Spray-Aide®**Acute Toxicity**

Product was tested.
LD50 Dermal (rat) > 5050 mg/kg
LD50 Oral (rat) > 5000 mg/kg
LC50 Inhalation (rat) > 2.18 mg/L (4hr)

Respiratory Sensitization

Not classified.

Serious eye damage/eye irritation

Product was tested.
Causes serious eye irritation

Skin Corrosion/Irritation

Product was tested.
Slightly irritating Not classifiable

Skin Sensitization

Product was tested.
Not a skin sensitizer

Mutagenicity

Not classified.

Germ cell mutagenicity

Not classified.

Reproductive Toxicity

Not classified.

Carcinogenicity

Not classified.

Specific target organ toxicity Not classified.
- Single exposure

Specific target organ toxicity Not classified.
- Repeated exposure

11.2. Information on other hazards

Issue Date 24/Dec/2025

Print Date 27/Jan/2026

Page 8 of 10

11.2.1. Endocrine disrupting properties No endocrine disruptors present in concentrations $\geq 0.1\%$

11.2.2. Other information Not applicable

SECTION 12: Ecological information

12.1. Toxicity Not considered to be harmful to aquatic life

Phosphoric Acid

WGK Classification (AwSV) 392. WGK: 1

12.2. Persistence and degradability No data available

12.3. Bioaccumulative potential No data available

12.4. Mobility in soil No data available

12.5. Results of PBT and vPvB assessment No data available

12.6. Endocrine disrupting properties No endocrine disruptors present in concentrations $\geq 0.1\%$

12.7. Other Adverse Effects None known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal Methods If uncontaminated, recover and reuse as product. If contaminated with other materials, the nature and extent of contamination may require use of specialized disposal methods. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Product residue may remain in empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information

Mode of Transportation (Road, Water, Air, Rail)

TDG -Canada	Not regulated
DOT	Not regulated
ADR	Not regulated
RID	Not regulated
ADN	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated
ICAO	Not regulated

Issue Date 24/Dec/2025

Print Date 27/Jan/2026

Page 9 of 10

- 14.1. UN number or ID number None
- 14.2. UN proper shipping name None
- 14.3. Transport hazard class(es) None
- 14.4. Packing group None
- 14.5. Environmental hazards No
- 14.6. Special precautions for user Not applicable

14.7. Maritime transport in bulk according to IMO instruments
Not applicable

SECTION 15: Regulatory information**Global Inventories**

Pure substance/mixture Mixture

Chemical Name	CAS Number	Canada (DSL)	Mexico	TSCA: United States
Polyethylene glycol alkyl ether phosphate	108818-88-8	Y	N	A
Phosphoric Acid	7664-38-2	Present (DSL)	Y	Present

Y: Complies ; A: Active ; - / N: Exempt / Not Listed

EPA**CWA (Clean Water Act)**

Not regulated

CAA (Clean Air Act)

Not regulated

U.S. State Right-to-Know Regulations

Chemical Name	CAS Number	California Proposition 65	Massachusetts	Minnesota	New Jersey	Pennsylvania
Polyethylene glycol alkyl ether phosphate	108818-88-8	N	N	N	N	N
Phosphoric Acid	7664-38-2	N	N	Present	1805	Environmental hazard

Y: Listed ; N: Not Listed

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This product does not contain any Proposition 65 chemicals

CANADA**WHMIS**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

SECTION 16: Other information

Issue Date 24/Dec/2025

Print Date 27/Jan/2026

Page 10 of 10

Prepared byMiller Chemical and Fertilizer, A Huber Company, Global Regulatory Affairs
info@millerchemical.com**Printer ID:**

V4A0000000S004

Issue Date

24/Dec/2025

Print Date

27/Jan/2026

Revision Number

1.1.1 NA

Reason for Version

OSHA (Occupational Safety and Health Administration of the US Department of Labor).

Abbreviations and acronyms

OSHA (Occupational Safety and Health Administration of the US Department of Labor)
WHMIS (Workplace Hazardous Materials Information System)
GHS (Globally Harmonized System)
IARC (International Agency for Research on Cancer)
PPE (Personal Protection Equipment)
TWA (Time-Weighted Average)
TLV® (Threshold Limit Value)
STEL (Short Term Exposure Limit)
RQ (Reportable Quantity) (RQ/% in mixture)
DOT (Department of Transportation)
TDG (Transport of Dangerous Goods) Canada
IATA (International Air Transport Association)
IMDG (International Maritime Dangerous Goods)
ICAO (International Civil Aviation Organization)

Disclaimer

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

End of Safety Data Sheet