

Whistle

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
Trade Names	Whistle
CAS No.	Mixture
EPA Identification Number	EPA Reg. No. 60063-68

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

Identified Use(s)	Herbicide
Uses Advised Against	It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Details of the supplier of the safety data sheet

Company Identification	Sipcam Agro USA, Inc. 2525 Meridian Parkway, Suite 350 Durham, NC 27713 United States of America
Telephone	(919) 226-1195

Emergency telephone number

Emergency Phone No.	CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)
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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Acute Tox. 4; Skin Sens. 1; Eye Irrit. 2
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Label elements

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS) and for workplace labels of non pesticide chemicals. The labeling information below applies to non-pesticide workplace labels. For pesticide label information, refer to Section 15.

Hazard Symbol(s)



WARNING

Signal Word(s)

Hazard Statement(s)

Harmful if swallowed.
May cause an allergic skin reaction.
Causes serious eye irritation.

Precautionary Statement(s)

Wear protective gloves/protective clothing/eye protection/face protection.
Wash hands and exposed skin after use.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Contaminated work clothing should not be allowed out of the workplace
Do not eat, drink or smoke when using this product.
IF IN EYES: Rinse cautiously with water for several minutes. Remove

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contact lenses, if present and easy to do. Continue rinsing. Get medical attention if eye irritation develops or persists.

IF ON SKIN: Gently wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention.

IF INHALED: If symptoms occur obtain medical attention.

IF SWALLOWED: Do not give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. Rinse mouth. . Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Other hazards

Additional Information

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	%W/W*	CAS No.	Hazard Statement(s)
Metolachlor	68 - 72	51218-45-2	Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Sulfentrazone	7 - 9	122836-35-5	Eye Irrit. 2; H319 Acute Tox. 4; H302
Proprietary dispersing agent	< 5	Trade Secret	Eye Dam. 1; H318 Skin Irrit. 2; H315 Aquatic Acute 3; H402 Aquatic Chronic 3; H412
Propylene glycol	< 2	57-55-6	Not classified as dangerous for supply/use.
Water	15 - 17	7732-18-5	Not classified as dangerous for supply/use.

Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.:

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation

If symptoms occur obtain medical attention.

Skin Contact

Gently wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if eye irritation develops or persists.

Ingestion

Do not give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. Rinse mouth.

Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

Indication of any immediate medical attention and special treatment needed

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

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SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

- Suitable Extinguishing Media
- Unsuitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or water spray.
Do not use water jet.

Special hazards arising from the substance or mixture

Combustion or thermal decomposition will evolve toxic and irritant vapours. Forms oxides of carbon and nitrogen. Decontaminate equipment or materials used in pesticide fires.

Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Do not get in eyes. Avoid breathing dust / spray. Wear protective gloves/protective clothing/eye protection/face protection.

Environmental precautions

Prevent substance entering sewers. Avoid release to the environment.

Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery. Collect spillage. Wash the spillage area with water. If possible prevent water running into sewers.

Reference to other sections Additional Information

None
None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Do not get in eyes. Avoid contact with skin. Contaminated work clothing should not be allowed out of the workplace.

Conditions for safe storage, including any incompatibilities

-Storage temperature

Store in a well-ventilated place. Keep cool. Keep container tightly closed.

-Incompatible materials

Strong oxidizing agents or reducing agents. Strong acids / bases.

Specific end use(s)

Herbicide

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
NONE	----	----	-----	----	-----	----

Exposure controls

Appropriate engineering controls

Do **NOT** aerosolize or atomize to produce inhalable-size particles.
Use low-pressure course spray only.

Personal protection equipment

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Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Gloves (PVC, Neoprene, or Natural rubber).

Respiratory protection



In case of inadequate ventilation wear respiratory protection.

Thermal hazards

Not normally required.

Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid
Color.	Not available
Odor	Not available
Odor Threshold (ppm)	Not available
pH (Value)	4.84
Melting Point/Freezing Point (C)	Not available
Boiling point/boiling range (°C)	Not applicable
Flash Point (°C)	> 100 (> 212 °F)
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Explosive Limit Ranges	Not applicable
Vapour Pressure (mPa)	Not available
Vapour Density (Air=1)	Not available
Density (g/ml)	1.102 (9.197 lb/gal)
Specific Gravity	1.102
Solubility (Water)	Miscible
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	Not available
Explosive properties	Not explosive
Oxidizing properties	Not available
Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Avoid contact with heat and ignition sources.

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Incompatible materials

Strong oxidizing agents or reducing agents. Strong acids / bases.

Hazardous decomposition product(s)

Combustion or thermal decomposition will evolve toxic and irritant vapours: acrid smoke. Forms oxides of carbon and nitrogen,

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Acute toxicity

Oral: LD50 1750 mg/kg -bw
Dermal: LD50 >5000 mg/kg -bw
Inhalation: LC50 >2.08 mg/l (Aerosol), 4-hr. rat

Irritation/Corrosivity

Causes serious eye irritation. Slight irritant to skin.

Sensitization

Contains: Metolachlor (CAS No. 51218-45-2). May cause an allergic skin reaction.

Repeated dose toxicity

No data

Carcinogenicity

No data

NTP	*IARC	ACGIH	OSHA	*NIOSH
No.	No.	No.	No.	No.

Mutagenicity

Not to be expected

Reproductive toxicity

Not to be expected

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Metolachlor (CAS # 51218-45-2):

Short term

EC50 (96 hour): 3.9 - 10 mg/L (Fish)
EC50 (48 hour): 25.1 mg/L (Daphnia magna)
EC50 (72 hour): <1 mg/L (aquatic plants), estimated.

Long Term

NOEC = 0.78 ppm (Fish)

Persistence and degradability

Not available

Bioaccumulative potential

Not available

Mobility in soil

Not available

Results of PBT and vPvB assessment

Not available

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

SECTION 14: TRANSPORT INFORMATION

Land transport

Sea transport

**Air transport
(ICAO/IATA)**



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	<u>(U.S. DOT)</u>	<u>(IMDG)</u>	
UN number	UN 3082	UN 3082	UN 3082
Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Metolachlor)	Environmentally hazardous substance, liquid, n.o.s. (Metolachlor)	Environmentally hazardous substance, liquid, n.o.s. (Metolachlor)
Transport hazard class(es)	9	9	9
Packing group	III	III	III
Hazard label(s)	Marine Pollutant	Marine Pollutant	Marine Pollutant
Environmental hazards	Yes	Yes	Yes
Special precautions for user	None Assigned	None Assigned	None Assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

EPA FIFRA Information for SDS Section 15 (Regulatory Information):

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non pesticide chemicals.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

SARA 311/312 - Hazard Categories:

Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	----	-----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
None	-----	----

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 - 16.

Date of preparation: May 17, 2017

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

Hazard Statement(s)

- H302: Harmful if swallowed.

Revision: September 28, 2018

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- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.
- H412: Harmful to aquatic life with long lasting effects.

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