

Safety Data Sheet

Cessco Agro-5 Agricultural Insecticide Aerosol

SDS Revision Date:

06/15/2015

1. Identification

1.1. Product identifier

Product Identity Cessco Agro-5 Agricultural Insecticide Aerosol

Alternate Names 6959-95, Agricultural Insecticide Aerosol, Cessco Agro-5 Agricultural Insecticide Aerosol, Mixture; a.i.'s, Pyrethrin, Piperonyl Butoxide

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

Intended use See Technical Data Sheet.

Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name Cessco, Inc.
3609-A River Road
Johns Island, SC 29455. USA

Emergency

CHEMTREC (USA) (800) 424-9300

Customer Service: Cessco, Inc. (800) 476-3666

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Flam. Gas 1;H220 Extremely flammable gas.
Press. Gas;H280 Contains gas under pressure; may explode if heated.
Aquatic Chronic 2;H411 Toxic to aquatic life with long lasting effects.
Simple Asphyxiant May displace oxygen and cause rapid suffocation.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H411 Toxic to aquatic life with long lasting effects.

May displace oxygen and cause rapid suffocation.

Safety Data Sheet

Cessco Agro-5 Agricultural Insecticide Aerosol

SDS Revision Date:

06/15/2015

[Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

P273 Avoid release to the environment.

[Response]:

P377 Leaking gas fire - do not extinguish unless leak can be stopped safely.

P381 Eliminate all ignition sources if safe to do so.

P391 Collect spillage.

[Storage]:

P410+403 Protect from sunlight. Store in a well ventilated place.

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Petroleum distillates, hydrotreated light CAS Number: 0064742-47-8	25 - 50	Asp. Tox. 1;H304	[1]
Propane, 2-methyl- CAS Number: 0000075-28-5	25 - 50	Flam. Gas 1;H220 Press. Gas;H280	[1][2]
Propane CAS Number: 0000074-98-6	25 - 50	Flam. Gas 1;H220 Press. Gas;H280	[1][2]
Piperonyl Butoxide CAS Number: 0000051-03-6	1.0 - 10	Aquatic Chronic 1;H410 Acute Tox. 4;H312	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Safety Data Sheet

Cessco Agro-5 Agricultural Insecticide Aerosol

SDS Revision Date:

06/15/2015

- Eyes** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a Poison Control Center or doctor for further treatment advice.
- Skin** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
- Ingestion** If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

- Overview** EYES: Can cause temporary irritation, tearing and blurred vision. Spray at close range may cause frostbite or burns.
SKIN: Prolonged or repeated exposure may cause irritation and reddening of the skin, possibly progressing into Dermatitis. Spray at close range may cause frostbite or burns.
INHALATION: Excessive inhalation can cause nasal and respiratory irritation.
INGESTION: Can cause stomach irritation, resulting in nausea, cramps, and vomiting.
COMMENTS: UNNECESSARY EXPOSURE TO THIS PRODUCT OR ANY CHEMICAL SHOULD BE AVOIDED.
Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

5. Fire-fighting measures

5.1. Extinguishing media

Use CO2 foam and dry chemical.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

5.3. Advice for fire-fighters

Flammable contents under pressure. Do not use near heat, sparks, open flame, or while smoking. At temperatures above 130°F, container may rupture. Do not puncture or incinerate.

Water may be used to keep containers cool. Use protective shielding to guard against venting, bursting, or rupturing containers. Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

ERG Guide No. ----

Safety Data Sheet

Cessco Agro-5 Agricultural Insecticide Aerosol

SDS Revision Date:

06/15/2015

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Eliminate all ignition sources. Do not allow leaking material to enter water source. Contain and soak up spill with absorbent material (oil-dri or similar inert material). Contains pesticides and petroleum solvent and may be toxic to aquatic life. Transfer into waste containers for disposal.

DO NOT ATTEMPT TO REFILL CYLINDER. The cylinder is refillable only by Manufacturer. When empty, close valves, replace safety cap, and return cylinder to Manufacturer or Distributor. Any absorbent material used to soak up or contain a leak or spill should be disposed of in accordance with local, state, and federal regulations.

7. Handling and storage

7.1. Precautions for safe handling

Flammable, keep out of reach of children.

Do not use near heat or open flame.

Read product label and observe all handling and storage precautions and instructions.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Strong oxidizing agents and acids.

Do not store near heat or open flame. Do not store above 130°F.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0000051-03-6	Piperonyl Butoxide	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Safety Data Sheet

Cessco Agro-5 Agricultural Insecticide Aerosol

SDS Revision Date:

06/15/2015

0000074-98-6	Propane	OSHA	TWA 1000 ppm (1800 mg/m3)
		ACGIH	Ensure Minimal Oxygen Content (ACGIH appendix F)
		NIOSH	TWA 1000 ppm (1800 mg/m3)
		Supplier	No Established Limit
0000075-28-5	Propane, 2-methyl-	OSHA	No Established Limit
		ACGIH	STEL: 1000ppm
		NIOSH	TWA 800 ppm (1900 mg/m3)
		Supplier	No Established Limit
0064742-47-8	Petroleum distillates, hydrotreated light	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	Recommended 300 ppm PEL

Contains mineral oil. The exposure limits for oil mist are 5 mg/m3 OSHA PEL and 10 mg/m3 ACGIH.

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000051-03-6	Piperonyl Butoxide	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0000074-98-6	Propane	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000075-28-5	Propane, 2-methyl-	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0064742-47-8	Petroleum distillates, hydrotreated light	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory

No respiratory protection needed if directions are followed. If remaining in the enclosed areas after use, use N.I.O.S.H. approved respirator for pesticide vapors.

Eyes

Not required. Goggles or glasses optional.

Skin

Avoid contact with skin or clothing. Wash hands after using product.

Engineering Controls

Local exhaust ventilation, do not remain in area after use.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

Safety Data Sheet

Cessco Agro-5 Agricultural Insecticide Aerosol

SDS Revision Date:

06/15/2015

9. Physical and chemical properties

Appearance	Pressurized aerosol dispensed as a mist.
Odor	Solvent Odor
Odor threshold	Not determined
pH	Not Measured
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	Not Measured
Flash Point	Not Measured
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Gas
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	(mmHg): (PSI @ 60°F) 62
Vapor Density	Not Measured
Specific Gravity	(H ₂ O=1) 0.72
Solubility in Water	Insoluble
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Excessive heat and open flame.

10.5. Incompatible materials

Strong oxidizing agents and acids.

10.6. Hazardous decomposition products

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Safety Data Sheet

Cessco Agro-5 Agricultural Insecticide Aerosol

SDS Revision Date:

06/15/2015

11. Toxicological information

Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Petroleum distillates, hydrotreated light - (64742-47-8)	> 5,000.00, Rat - Category: NA	No data available	No data available	No data available	No data available
Propane, 2-methyl- - (75-28-5)	No data available	No data available	658.00, Rat - Category: NA	No data available	No data available
Propane - (74-98-6)	No data available	No data available	658.00, Rat - Category: NA	No data available	No data available
Piperonyl Butoxide - (51-03-6)	5,630.00, Rat - Category: NA	2,000.00, Rat - Category: 4	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Safety Data Sheet

Cessco Agro-5 Agricultural Insecticide Aerosol

SDS Revision Date:

06/15/2015

12. Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Petroleum distillates, hydrotreated light - (64742-47-8)	45.00, Pimephales promelas	4,720.00, Dendronereides heteropoda	Not Available
Propane, 2-methyl- - (75-28-5)	Not Available	Not Available	Not Available
Propane - (74-98-6)	Not Available	Not Available	Not Available
Piperonyl Butoxide - (51-03-6)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

DO NOT ATTEMPT TO REFILL CYLINDER. The cylinder is refillable only by Manufacturer. When empty, close valves, replace safety cap, and return cylinder to Manufacturer or Distributor. Any absorbent material used to soak up or contain a leak or spill should be disposed of in accordance with local, state, and federal regulations.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated

Safety Data Sheet

Cessco Agro-5 Agricultural Insecticide Aerosol

SDS Revision Date:

06/15/2015

14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: Yes (Piperonyl Butoxide)		
14.6. Special precautions for user			
No further information			

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification	A F
US EPA Tier II Hazards	Fire: Yes Sudden Release of Pressure: Yes Reactive: No Immediate (Acute): No Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

Piperonyl Butoxide

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

Piperonyl Butoxide

Propane

Propane, 2-methyl-

Pennsylvania RTK Substances (>1%):

Propane

Safety Data Sheet

Cessco Agro-5 Agricultural Insecticide Aerosol

SDS Revision Date:

06/15/2015

Propane, 2-methyl-

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H410 Very toxic to aquatic life with long lasting effects.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

Disclaimer: The above information pertains to this product as it is currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of this product. This information is provided in good faith, but since conditions of use are outside our control, we make no warranties, expressed or implied, and assume no liability in connection with any use of this information. **Buyer assumes all responsibility for safety and use not in accordance with label directions.

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