

Safety Data Sheet (SDS)

ChemSan 10-1350



SDS Revision Date: 07/22/2016

SDS Original Date: 05/01/2015

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Identity ChemSan 10-1350

Alternate Names ChemSan 10-1350

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

Intended use Contact ChemStation representative.

Application Method Contact ChemStation representative.

1.3 Details of the supplies of the safety data sheet

Company Name Heartland Janitorial Supplies, LLC

Db a ChemStation Heartland

2390 John L Puryear Drive

Paducah, KY 42003

EPA Number: 10324-63-91576

Establishment Number: 91576-KY-001

Emergency

CHEMTREC (USA) (800) 424-9300

Customer Service: ChemStation of The Ozarks (270) 443-9706

2. Hazard identification of the product

2.1 Classification of the substance or mixture

Skin Corr. 1B;H314 Causes severe skin burns and eye damage.

Eye Dam. 1;H318 Causes serious eye damage.

Acute Tox. 5;H303 May be harmful if swallowed. (Not adopted by US OSHA)

Aquatic Chronic 2;H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements

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

Danger



Chlorides CAS#: 68424-85-1		Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	
1-decanaminium,n,n-dimethyl-n-octyl-, Chloride CAS #: 32426-11-2	2.00 – 4.00%		
1-octanaminium, N,n-dimethyl-n-octyl-, Chloride CAS #: 5538-94-3	1.0 – 2.0%		
Didecyldimethyl ammonium chloride CAS#: 7173-51-5	1.0 – 2.0%		
Ethanol CAS#: 64-17-5	.05 – 2.0%		

- (1) Substance classified with a health or environmental hazard.
(2) Substance with a workplace exposure limit.
(3) PBT-substance or vPv-substance.

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

Trace components: Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute significant additional hazards at the concentrations present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

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.

Inhalation

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

Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin

If product contaminates the skin, immediately begin decontamination with running water. Minimum flushing is for 15 minutes. Remove contaminated clothing, taking care not to contaminate eyes. If skin becomes irritated and irritation persists, medical attention may be necessary. Wash contaminated clothing before reuse, discard contaminated shoes.

Ingestion

If swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, give two glasses of water to drink. DO NOT INDUCE VOMITING. Never induce vomiting or give liquids to someone who is unconscious, having convulsions, or unable to swallow. Seek immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Overview

No specific symptom data available. See section 2 for further details.

Incompatible materials: No data available.

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
68424-85-1	Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	OSHA	No Establishment Limit
		ACGIH	No Establishment Limit
		NIOSH	No Establishment Limit
		Supplier	No Establishment Limit
32426-11-2	1-decanaminium,n,n-dimethyl-n-octyl-, Chloride	OSHA	No Establishment Limit
		ACGIH	No Establishment Limit
		NIOSH	No Establishment Limit
		Supplier	No Establishment Limit
5538-94-3	1-octanaminium, N,n-dimethyl-n-octyl-, Chloride	OSHA	No Establishment Limit
		ACGIH	No Establishment Limit
		NIOSH	No Establishment Limit
		Supplier	No Establishment Limit
7173-51-5	Didecyldimethyl ammonium chloride	OSHA	No Establishment Limit
		ACGIH	No Establishment Limit
		NIOSH	No Establishment Limit
		Supplier	No Establishment Limit
64-17-5	Ethanol	OSHA	1000 ppm (TWA)
		ACGIH	1000 ppm (TWA)
		NIOSH	1000 ppm (TWA)
		Supplier	No Establishment Limit

Carcinogen Data			
CAS No.	Ingredient	Source	Value
68424-85-1	Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides	OSHA	Select Carcinogen: No
		ACGIH	Known: No; Suspected: No
		NIOSH	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No
32426-11-2	1-decanaminium,n,n-dimethyl-n-octyl-, Chloride	OSHA	Select Carcinogen: No
		ACGIH	Known: No; Suspected: No
		NIOSH	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No
5538-94-3	1-octanaminium, N,n-dimethyl-n-octyl-, Chloride	OSHA	Select Carcinogen: No
		ACGIH	Known: No; Suspected: No
		NIOSH	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No

Upper Explosive Limit: Not Measured

Vapor pressure (Pa)	Not Determined
Vapor density	Not Determined
Specific gravity	0.989-0.994
Solubility in water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
Foaming	Moderate

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

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No hazardous decomposition data available.

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg//4hr	Inhalation Dust/Mist LD50, mg/L/4hr	Inhalation Gas LD50, ppm
Quaternary Ammonium Compounds, Benzyl-C12-C16-alkyldimethyl, Chlorides 68424-85-1	344.00, Rat-Category: 4	645.00 Rabbit-Category: 3	No data available	No data available	No data available

1-decanaminium, n,n-dimethyl-n-octyl-, Chloride (32426-11-2)	.032, Bluegill (Lepomis macrochirus)	.01, Daphnia	Not Available
1-octanaminium, N,n-dimethyl-n-octyl-, Chloride (5538-94-3)	.032, Bluegill (Lepomis macrochirus)	.01, Daphnia	Not Available
Didecyldimethyl ammonium chloride (7173-51-5)	.97, Danio rerio	.057, Daphnia	.062 (72hr.)
Ethanol (64-17-5)	>100, Pimphales	>100, Daphnia	>100

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 Degradability

This product is completely biodegradable.

12.6 Results of PBT and vPvB assessment

This product contains no PBT/VPVB chemicals.

12.7 Other adverse effects

No data available

13. Disposal consideration

13.1 Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

14.1 UN number	UN1903
14.2 UN proper shipping name	DISINFECTANTS, LIQUID, CORROSIVE N.O.S., (Quaternary Ammonium Compounds)
14.3 Transport hazard class(es)	8
14.4 Packing group	III
14.5 Reportable Quantity	None

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 causes serious eye damage.

H350i May cause cancer if inhaled.

H400 Very toxic to aquatic life.

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.

Revision Date: 06/02/2015

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