



Safety Data Sheet CleanUP DeZolve

Page 1 of 7

SDS Revision Date:

10/30/2015

1. Identification

1.1. Product identifier

Product Identity CleanUP DeZolve
Alternate Names DeZolve

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 U.S. Syntec Corporation
2809 Fruitvale Blvd.
Yakima, WA 98902-1123

Emergency

CHEMTREC (USA) (800) 424-9300
Customer Service: U.S. Syntec Corporation Toll Free (800) 579-6832
Yakima (509) 452-4476

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Skin Irrit. 2;H315 Causes skin irritation.
Eye Dam. 1;H318 Causes serious eye damage.

2.2. Label elements

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



Danger

H315 Causes skin irritation.

H318 Causes serious eye damage.

[Prevention]:

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

[Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P310 Immediately call a POISON CENTER or doctor / physician.

P321 Specific treatment (see information on this label).

P332+313 If skin irritation occurs: Get medical advice / attention.

P362 Take off contaminated clothing and wash before reuse.

[Storage]:

No GHS storage statements

[Disposal]:

No GHS disposal statements

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
Tradeseecret CAS Number: Proprietary	5 - 10	Skin Irrit. 2;H315 Eye Dam. 1;H318 Aquatic Acute 2;H401	[1]
Ethylenediamine-tetraacetic acid (EDTA). CAS Number: 000060-00-4	5 - 10	Eye Irrit. 2;H319	[1]
Disodium metasilicate CAS Number: 0006834-92-0	1 - 10	Skin Corr. 1B;H314 STOT SE 3;H335	[1]
Diphosphoric acid, tetrapotassium salt CAS Number: 0007320-34-5	1 - 10	Eye Irrit. 2;H319	[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.
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.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
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 Corrosive to eyes. Immediate stinging or burning; Skin; Burning sensation delayed after contact. See section 2 for further details.

Eyes Causes serious eye damage.

Skin Causes skin irritation.

5. Fire-fighting measures

5.1. Extinguishing media

Use water spray to keep fire-exposed containers cool.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Hydrogen, Possible when in contact with aluminum, tin, lead and zinc.

5.3. Advice for fire-fighters

Product is not combustible.

Although this product does not meet the parameters for flammability, it may react with ammonium salt solutions resulting in evolution of ammonia gas.

ERG Guide No. 154

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

Dike area to contain spill. Then neutralize with any dilute inorganic acid such as hydrochloric, phosphoric, or acetic acid. Use vacuum or mop to pick up neutralized material for proper disposal.

7. Handling and storage

7.1. Precautions for safe handling

Do not allow product to freeze. Store inside at temperatures between 40 and 100°F.

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

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Due to high density, product is extremely heavy and if double stacked could crush or collapse bottom pallets and drums.

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
0000060-00-4	Ethylenediamine-tetraacetic acid (EDTA).	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0006834-92-0	Disodium metasilicate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	ACHAN TLV/OSHA 2mg/m ³ PEL 2mg/m ³
0007320-34-5	Diphosphoric acid, tetrapotassium salt	OSHA	No Established Limit
		ACGIH	No Established Limit

		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	Tradeseecret	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000060-00-4	Ethylenediamine-tetraacetic acid (EDTA).	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;
0006834-92-0	Disodium metasilicate	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;
0007320-34-5	Diphosphoric acid, tetrapotassium salt	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;
Proprietary	Tradeseecret	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

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes

Chemical safety goggles/face shield

Skin

Impervious protective clothing and rubber boots should be worn to prevent skin contact. Natural and butyl rubber or neoprene gloves

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

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]:

9. Physical and chemical properties

Appearance	Red Semi transparent Liquid
Odor	No Strong Odor
Odor threshold	Not determined
pH	@20 C 12.8
Melting point / freezing point	N/A
Initial boiling point and boiling range	212 Deg F
Flash Point	Not Measured
Evaporation rate (Ether = 1)	1
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured

Vapor pressure (Pa)	Not Determined
Vapor Density	Not Determined
Specific Gravity	1.1
Solubility in Water	Complete
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

Avoid contact with organic materials and strong acids which may cause violent reactions.

10.5. Incompatible materials

Contact with ammonium salt solutions, aluminum, tin, lead and zinc.

10.6. Hazardous decomposition products

Hydrogen, Possible when in contact with aluminum, tin, lead and zinc.

11. Toxicological information

Acute toxicity

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
Tradeseecret- (Proprietary)	No data available	No data available	No data available	No data available	No data available
Ethylenediamine-tetraacetic acid (EDTA) - (60-00-4)	No data available	No data available	No data available	No data available	No data available
Disodium metasilicate - (6834-92-0)	1,153.00, Rat - Category: 4	No data available	No data available	No data available	No data available
Diphosphoric acid, tetrapotassium salt - (7320-34-5)	No data available	No data available	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	2	Causes skin irritation.
Serious eye damage/irritation	1	Causes serious eye damage.
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

12. Ecological information

12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Tradesecret- (Proprietary)	Not Available	Not Available	Not Available
Ethylenediamine-tetraacetic acid (EDTA). - (60-00-4)	Not Available	Not Available	Not Available
Disodium metasilicate - (6834-92-0)	210.00, Danio rerio	33.53, Ceriodaphnia dubia	400.00 (72 hr), Pseudokirchneriella subcapitata
Diphosphoric acid, tetrapotassium salt - (7320-34-5)	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

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

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN1760	UN1760	UN1760
14.2. UN proper shipping name	UN1760, COMPOUND, CLEANING LIQUID, n.o.s. CORROSIVE (CONTAINS SODIUM METASILICATE), 8, III	COMPOUND, CLEANING LIQUID, n.o.s. CORROSIVE (CONTAINS SODIUM METASILICATE)	COMPOUND, CLEANING LIQUID, n.o.s. CORROSIVE (CONTAINS SODIUM METASILICATE)
14.3. Transport hazard class(es)	DOT Hazard Class: 8	IMDG: 8 Sub Class: Not Applicable	Air Class: 8
14.4. Packing group	III	III	III
14.5. Environmental hazards			
IMDG	Marine Pollutant: No;		
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	D2B E										
US EPA Tier II Hazards	<table border="0" style="margin-left: 40px;"> <tr> <td>Fire:</td> <td>No</td> </tr> <tr> <td>Sudden Release of Pressure:</td> <td>No</td> </tr> <tr> <td>Reactive:</td> <td>No</td> </tr> <tr> <td>Immediate (Acute):</td> <td>Yes</td> </tr> <tr> <td>Delayed (Chronic):</td> <td>No</td> </tr> </table>	Fire:	No	Sudden Release of Pressure:	No	Reactive:	No	Immediate (Acute):	Yes	Delayed (Chronic):	No
Fire:	No										
Sudden Release of Pressure:	No										
Reactive:	No										
Immediate (Acute):	Yes										
Delayed (Chronic):	No										

EPCRA 311/312 Chemicals and RQs (lbs):

Ethylenediamine-tetraacetic acid (EDTA). (5,000.00)

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:

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

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%):

Ethylenediamine-tetraacetic acid (EDTA).

Pennsylvania RTK Substances (>1%):

Ethylenediamine-tetraacetic acid (EDTA).

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:

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H401 Toxic to aquatic life.

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