



Safety Data Sheet

Section 1 – Identification of the Substance and of the Company/Undertaking

1.1 Product Identification

Product Name: Deselex 50%

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

Use of mixture: Industrial

1.3 Details of the supplier of the safety data sheet

Supplier Details: United-Guardian, Inc.
P.O. Box 18050/230 Marcus Blvd.
Hauppauge, NY 11788 USA

1.4 Emergency telephone number

Emergency Phone Number: 1-800-424-9300 - ChemTrec

Email Contact: support@u-g.com

Section 2 – Hazards Identification

2.1 Classification of the substance or mixture

Classification in accordance with the Globally Harmonized Standard

Eye Dam./Irrit. 2A eye irritation
Skin Corr./Irrit. 2 skin irritation

2.2 Label elements

GHS-US Labelling

Signal Word: Warning



2.3 Hazard Statements

H319 – causes serious eye irritation
H315 – causes skin irritation

2.4 Precautionary Statements

P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Section 3 – Composition/Information on Ingredients

3.2 Mixture

Common Name	CAS Number	Wt. % range
Water	7732-18-5	45.7 – 56.0
Tetrasodium EDTA	64-02-8	34.0 – 42.0
Triethanolamine	102-71-6	3.6 – 4.4
Sodium Citrate	6132-04-3	2.9 – 3.6
Gluconolactone	90-80-2	2.7 – 3.3



Revision Date: 7/17/19

Chemical Impurities Identity

CAS Numbers

Common Names:

Citric Acid

77-92-9

For the listed ingredient(s), the identity and/or exact percentages are being withheld as a trade secret.

Section 4 – First Aid Measures

4.1 Description of first aid measures

Skin: Wash affected area with copious amount of water. Seek medical attention if symptoms persist.

Eyes: Flush with water for 15-20 minutes. Seek medical attention.

Ingestion: No expected adverse effects. Seek medical attention.

Inhalation: Move victim to fresh air. Seek medical attention if symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/Injuries after skin contact: Not determined

Symptoms/Injuries after eye contact: Not determined

Symptoms/Injuries after ingestions: Not determined

Symptoms/Injuries after inhalation: Not determined

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively

Section 5 – Firefighting Measures

5.1 Extinguishing media

Suitable extinguishing Material: Class A (water) fire extinguisher, Class B (Carbon Dioxide) fire extinguisher, Class C (Dry Chemical) fire extinguisher

Unsuitable extinguishing media: None known

5.2 Special hazards arising from the substance or mixture

Combustion Products: CO, CO₂, NO_x

5.3 Advice for firefighters

Special Fire Fighting Procedures: Wear self-contained breathing apparatus for firefighting as necessary

Section 6 – Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

General Measures: Gloves, Vapor Mask, Protective Glasses/Goggles

6.2 Environmental Precautions

Contains no substances known to be hazardous to the environment. Do not discharge into drains or environment.

6.3 Methods for containment and cleaning up

Method for clean up: Collect spillage



6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment

See Section 13 for disposal information

Section 7 – Handling and Storage

7.1 Precautions for safe handling and storage

Precautions for safe handling: No precautions necessary

7.2 Conditions for safe storage, including any incompatibilities

Conditions for safe storage: No precautions necessary

7.3 Specific end use(s)

No further relevant information available

Section 8 – Exposure Controls/PPE

8.1 Control Parameters

Ingredients with limit values that require monitoring at the workplace:

8.2 Exposure Controls

Engineering Measures: None Necessary

Protective Measures: Gloves, Vapor Mask, Protective Glasses/Goggles

Section 9 – Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Colorless to straw liquid

Odor: Odorless

Melting Point/Range: < 0°C

Flash Point: N/A

Flammability: Not flammable

LEL: ND

Vapor Pressure: Negligible

Relative Density: 10.1 lb/gal

Decomposition Temperature: ND

Auto Ignition Temperature: ND

Odor Threshold: ND

pH: 9.8 – 10.9

Boiling Point: > 100°C

Evaporation Rate: < water

Solubility: Water soluble: complete

UEL: ND

Vapor Density: 1

Partition Coefficient: ND

Viscosity: Water-like

Section 10 – Reactivity Data

10.1 Reactivity

Non-reactive

10.2 Chemical Stability

Stable

10.3 Possibility of Hazardous Reactions

Hazardous polymerization will not occur

10.4 Conditions to Avoid

Extreme temperatures

10.5 Incompatible materials



Strong oxidizers

10.6 Hazardous Decomposition Products

Carbon Monoxide, Carbon Dioxide and Nitrous Oxide

Section 11 – Toxicological Information

11.1 Information of toxicological effects

Acute Oral Toxicity:	May be regarded as non-toxic
LD50 (oral):	
Likely Routes of Exposure:	Skin/Eyes
Primary irritant effect:	
Skin corrosion/irritation:	Skin irritant (Based on ingredients in mixture)
Serious eye damage/irritation:	Eye irritant (Based on ingredients in mixture)
Mutagenicity:	Not classified based on available information
Carcinogenicity:	Not classified based on available information
Reproductive Toxicity:	Not classified based on available information

Section 12 – Ecological Information

12.1 Toxicity

Aquatic Toxicity: Not Determined

12.2 Persistence and Degradability: Not Determined

12.3 Bioaccumulative Potential: Not Determined

12.4 Mobility in Soil: Not Determined

12.5 Results of PBT and vPvB Assessment: Not Determined

12.6 Other Adverse Effects:

No further relevant information available

Section 13 – Disposal Considerations

13.1 Waste Treatment Methods

Treatment, Storage, Transportation and Disposal must be in accordance with applicable Federal, State and Local Regulations

Section 14 – Transport Information

14.1 UN Number

DOT: Not regulated

14.2 UN proper shipping name

DOT: Not regulated

14.3 Transport hazard class(es)

DOT: Not regulated

14.4 Packaging group

DOT: Not regulated

14.5 Environmental hazards

Marine pollutant: No

14.6 Special precautions for user

Not applicable



Revision Date: 7/17/19

Section 15 – Regulatory Information

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

United States (USA)

SARA

Section 355 (Extremely Hazardous Substances)

None of the ingredients are listed

Section 313 (Specific Toxic Chemical Listings)

None of the ingredients are listed

TSCA

All ingredients are listed

Proposition 65 (California)

None of the ingredients are listed

Section 16 – Other Information

The information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release. The information is related only to the specific material designated.

Abbreviations and acronyms:

N/A: Not applicable

ND: Not determined

SDS Prepared By:

United-Guardian, Inc.

230 Marcus Blvd.

Hauppauge, NY 11788

631.273.0900

www.u-g.com

Revision/Issue Date: July 17, 2019

Changes from Last Revision: Edited Section 2, 3, 9 and 11