

Safety Data Sheet

May be used to comply with ANSI Z400.1-2004, 29 CFR 1910.1200, Regulation (EC) No 1272/2008 (CLP Regulation) and GHS. Standards must be consulted for specific requirements.

NFPA Designation 704

Degree of Hazard

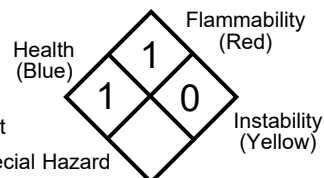
4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant



Revision Date: 2016-10-19

HMIS RATING: Health 1, Flammability 1, Physical Hazard 0, Personal Protection B

SECTION 1 — IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product Name: Reztore™ Surface and Mat Cleaner
EC No.: None
REACH Registration No.: None
CAS No.: None

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

Identified use: Cleaner, ESD Surface & Mat

1.3 Details of the supplier of the safety data sheet

Manufacturer: Desco Industries, Inc.
One Colgate Way.
Canton, MA 02021
781-821-8370
Email Address: Service@DescoIndustries.com

1.4 Emergency telephone number

Emergency Number: 781-821-8370

SECTION 2 — HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture

Flammable liquid	Category 3
Eye irritation	Category 2A-2B

2.2 Label elements

Symbol: Flame, Exclamation mark.

Signal word: Warning.

Hazard statement: None.

Precautionary statements: (P301+310+331+315+101): IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. If medical advice is needed, have product container or label at hand.
(P102): Keep out of reach of children.
(P210): Keep away from heat/sparks/open flames/hot surfaces. No smoking.
(P233): Keep container tightly closed.
(P262): Do not get in eyes, on skin or on clothing.
(P264): Wash hands thoroughly after handling.
(P270): Do not eat, drink or smoke when using this product.
(P403+235): Store in well ventilated place. Keep cool.

2.3 Other hazards

N/A

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous Ingredients	CAS No.	Weight %
Isopropanol*	67-63-0	5-25%

3.2 Mixtures

N/A

SECTION 4 — FIRST AID MEASURES

4.1 Description of first aid measures

Eye Contact	Flush with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash with soap and water. If skin irritation occurs: Get medical advice/attention.
Ingestion	Drink several glasses of water. DO NOT induce vomiting. Contact a physician.
Inhalation	Move subject to fresh air.

4.2 Most important symptoms and effects, both acute and delayed

N/A

4.3 Indication of any immediate medical attention and special treatment needed

N/A

SECTION 5 — FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media	Water
Unsuitable Extinguishing Methods	N/A

5.2 Special hazards arising from the substance or mixture

N/A

5.3 Advice for firefighters

In the event of fire wear self-contained breathing apparatus.
Cool containers with water.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wearing protective clothing. Inhalation protection. Extinguish all ignition sources.

6.2 Environmental precautions

Biodegradable.

6.3 Methods and materials for containment and cleaning up

Contain and collect material into plastic container. Water rinse and drain, flush small amounts. Use sanitary landfill disposal. Follow national and local regulations (RCRA; Subtitle D).
If Material is Released/Spilled: Keep spectators away. Contain spill with inert material (e.g. sand, earth). Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

6.4 Reference to other sections

See SECTION 13, Disposal Considerations, for information regarding the disposal of contained spills.

SECTION 7 — HANDLING AND STORAGE

7.1 Precautions for safe handling

Use in well-ventilated areas; avoid breathing vapors. Keep containers closed when not in use. Avoid from freezing.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry place with adequate ventilation. Keep from freezing - product may coagulate.
Storage temperature: Max. 49°C/120°F 1°C/34°F

7.3 Specific end uses

N/A

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

TLV-value 400 ppm maximum for Isopropanol.

Hazardous Ingredients	CAS No.	TLV-value
Isopropanol*	67-63-0	400 ppm

8.2 Exposure controls

Technical Control Measures	Preferences of technical measure to prevent or control contact with the product. Isolating process and personnel, mechanical ventilation (dilution and local exhaust) and the regulation of process conditions. In case of non-prevention or non-control, a proper protective wearing should be used.
Hygiene Measures	Wash hands before eating, smoking, or using washroom facilities

Individual protection measures

Eye/Face Protection	Safety glasses or Chemical splash goggles as defined in ANSI Z-87.1 or a similar standard.
Skin Protection	No precautions other than clean body covering clothing should be needed.
Hand Protection	Impervious/Neoprene Gloves.
Respiratory Protection	Wear MSHA/NIOSH approved respirator where exposure limits are exceeded.
Ingestion	Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Liquid.
Color:	Clear violet.
Odor:	Floral Alcohol.
Odor Threshold:	N/A.
pH:	6.0 - 8.0
Melting Point:	N/A.
Boiling Point:	>200°F (93.3°C)
Flash Point:	106°F (41°C)
Evaporation rate:	0.28
Flammability:	Classification according to NFPA and OSHA as "non-flammable". Flammable Category 3 according to EU and GHS.
Upper flammability or explosive limits:	N/A
Lower flammability or explosive limits:	N/A
Vapor Pressure (mm Hg):	18.0
Vapor Density (air=1):	1.06
Relative Density:	8.17 lbs./gal at 20°C
Specific Gravity (H2O = 1) :	0.98
Solubility:	Completely
Partition coefficient:	N/A
Auto-ignition temperature:	N/A
Decomposition temperature:	N/A
Viscosity:	N/A
Explosive properties:	N/A
Oxidizing properties:	N/A

9.2 Other information

VOC per Method 24 of EPA:	1% VOC by wt.
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SECTION 10 — STABILITY AND REACTIVITY

10.1 Reactivity

N/A

10.2 Chemical stability

Stable product at normal conditions.

10.3 Possibility of hazardous reactions

N/A

10.4 Conditions to avoid

Temperatures above 100°F (38°C) and below 34°F (1°C)

10.5 Incompatible materials

Strong Oxidizers.

10.6 Hazardous decomposition products

Thermal decomposition may yield carbon monoxide.

SECTION 11 — TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

All information refers to the main component Isopropanol

Acute toxicity: None known.

Special Effects: None known.

SECTION 12 — ECOLOGICAL INFORMATION

12.1 Toxicity

N/A

12.2 Persistence and degradability

N/A

12.3 Bioaccumulative potential

Not likely.

12.4 Mobility in soil

The product is aqueous and will be separated in aqueous conditions.

12.5 Results of PBT and vPvB assessment

N/A

12.6 Other adverse effects

N/A

12.7 Additional Information

No environmental hazards have been reported or known.

SECTION 13 — DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: Contain and collect material into plastic container. Water rinse and drain, flush small amounts. Use sanitary landfill disposal. Follow state and local regulations (RCRA; Subtitle D).

13.2 Additional information

N/A

SECTION 14 — TRANSPORT INFORMATION

This product is not classified for transport under ADR/IMDG regulations.

This product is not classified as a flammable liquid according to DOT and IATA transportation standards and is not regulated as such.

14.1 UN Number N/A

14.2 UN proper shipping name N/A

14.3 Transport hazard class(es)	N/A
14.4 Packing group	N/A
14.5 Environmental hazards	N/A
14.6 Special precautions for user	N/A
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	N/A

SECTION 15 — REGULATORY INFORMATION

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

Physical/Chemical Indication Non-flammable (NFPA and OSHA), Flammable (EU and GHS)

***These items are listed and subjected to the reporting requirements of the SARA Title III Section 313 Inventory of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR37.**

CAS Number: 67-63-0 with maximum weight 25%

EINECS Status All components are included in the EINECS Inventories.

TSCA All ingredients of this product are listed or are excluded from the listing on the U.S. Toxic substance.

REACH This product does not required REACH registration.

15.2 Chemical Safety Assessment

N/A

SECTION 16 — OTHER INFORMATION

HMIS RATING Health 1, Reactivity 1, Flammability 0, Personal Protection B

NFPA RATING Special Hazard: N/A, Health: 1, Flammability: 1, Instability: 0

SDS Updated 2016-10-19

Disclaimer

OTHER INFORMATION: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.