

IN CASE OF TRANSPORTATION EMERGENCY CONTACT:

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## 1. IDENTIFICATION

PRODUCT NAME: REVOSOL 24 Ultra-Low VOC Solvent

USE OF THE PRODUCT: CLEANING SOLVENT

MIXTURE

## 2. HAZARDS IDENTIFICATION

Acute Tox. 4 (Oral)	H302
Acute Tox. 4 (Dermal)	H312
Skin Irrit. 2	H315
Eye Irrit. 2A	H319

Full text of classification categories and H statements : see section 16

Signal word (GHS-US) WARNING

Hazard statements (GHS-US)

H302+H312 - Harmful if swallowed or in contact with skin

H315 - Causes skin irritation

H319 - Causes serious eye irritation

Precautionary statements (GHS-US)

P264 - Wash thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P301+P312 - If swallowed: Call a poison center/doctor/... if you feel unwell

P302+P352 - If on skin: Wash with plenty of 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

P312 - Call a poison center/doctor if you feel unwell

P330 - Rinse mouth

P332+P313 - If skin irritation occurs: Get medical advice/attention

P337+P313 - If eye irritation persists: Get medical advice/attention

P362+P364 - Take off contaminated clothing and wash it before reuse

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

**Other hazards**

No additional information available

**Unknown acute toxicity (GHS US)**

Not applicable

### 3. COMPOSITION

#### Mixture

Name	Product identifier	%	GHS-US classification
Solvent A	TRADE SECRET	15 - 25	Not classified
Solvent B	TRADE SECRET	15 - 25	Not classified
Solvent C	TRADE SECRET	15 - 25	Not classified
Solvent D	TRADE SECRET	5 - 20	Not classified
Surfactant	TRADE SECRET	1-5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 Aquatic Acute 2, H401 Aquatic Chronic 3, H41
Catalyst	TRADE SECRET	0-1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335

Full text of classification categories and H statements : see section 16

### 4. FIRST AID MEASURES

#### First-aid measures after inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician.

#### First-aid measures after skin contact

Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

#### First-aid measures after eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

#### First-aid measures after ingestion

Rinse mouth. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Do not induce vomiting without advice from poison control center.

Symptoms/injuries after inhalation : Harmful if inhaled.

Symptoms/injuries after skin contact : Causes skin irritation. Toxic in contact with skin. May cause redness and pain.

Symptoms/injuries after eye contact : Causes serious eye irritation.

Symptoms/injuries after ingestion: Harmful if swallowed.

## 5. FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA

Suitable extinguishing media:

Water fog. Foam. Dry chemical powder. Carbon Dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Fire hazard: None known

Explosion Hazard: none known

Advise for firefighters

Protection during firefighting: Firefighters should wear full protective gear

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No additional information available

For emergency responders: No additional information available

Environmental precautions: Prevent entry to sewers and public waters

Methods and material for containment and cleaning up

FOR CONTAINMENT:

Stop the flow of material, if this is without risk.

METHODS FOR CLEANING UP:

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

## 7. HANDLING AND STORAGE

Precautions for safe handling

Avoid breathing vapor. Avoid contact with skin. Avoid contact with eyes. Avoid contact with clothing. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains.

Storage conditions

Store locked up. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Solvent A

Not applicable

Solvent B

Not applicable

Solvent C

Not applicable

Catalyst  
Not applicable

Solvent D  
Not applicable

Surfactant  
Not applicable

Exposure Controls:  
Appropriate engineering controls  
General (mechanical) room ventilation is expected to be satisfactory for normal handling.

Hand protection  
Wear appropriate chemical resistant gloves.

Eye protection  
Wear safety glasses with side shields (or goggles).

Skin and body protection  
Wear appropriate work clothing.

Respiratory protection  
If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Light Yellow
Odor:	Characteristic
Odor Threshold:	no data available
pH:	7
Freezing Point:	-6°C (21°F)
Boiling Point:	>200°C (392°F)
Flash Point:	>93°C (200°F)
Relative evaporation rate: (butyl acetate = 1)	No data available
Flammability (solid, gas):	No data available
Explosion limits:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available
Vapor pressure @ 20C:	<0.1 mm Hg
Relative density @ 25°C:	0.888 gm/ml
Kinematic Viscosity:	8.4 cSt

## 10. STABILITY AND REACTIVITY

### Reactivity

The product is stable at normal handling and storage conditions.

### Possibility of hazardous reactions

Will not occur.

### Conditions to avoid

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

### Incompatible materials

Strong oxidizing agents. Strong acids.

### Hazardous decomposition products

Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity : Oral: Harmful if swallowed. Dermal: Harmful in contact with skin.

Ultra-Low VOC Parts Washing Solvent

ATE US (oral)	784.940 mg/kg body weight
ATE US (dermal)	1100.000 mg/kg body weight
Catalyst	
LD50 oral rat	1410 mg/kg
ATE US (oral)	1410.000 mg/kg body weight
Surfactant	
ATE US (oral)	500.000 mg/kg body weight
ATE US (dermal)	1100.000 mg/kg body weight
Skin corrosion/irritation:	causes skin irritation
Serious Eye Damage/irritation:	Causes serious eye irritation
Respiratory or skin sensitization:	not classified
Germ Cell Mutagenicity	not classified
Carcinogenicity:	not classified
Reproductive toxicity:	not classified
Specific target organ toxicity (single exposure)	not classified
Specific target organ toxicity (repeated exposure)	not classified
Aspiration hazard:	not classified

## 12. ECOLOGICAL INFORMATION

Toxicity: no additional information available

Persistence and degradability: no additional information available

Bioaccumulative potential:

Catalyst  
Log Pow 0.784 (at 20 °C)

Mobility in soil: no additional information available

Other adverse effects  
Effect on global warming : No known ecological damage caused by this product

### 13. DISPOSAL CONSIDERATIONS

Waste disposal recommendations  
Dispose of contents/container in accordance with local/regional/national/international regulations.

### 14. TRANSPORT INFORMATION

[Department of Transportation \(DOT\)](#)  
In accordance with DOT  
Not regulated for transport

### 15. REGULATORY INFORMATION

#### [US Federal regulations](#)

Solvent A  
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Solvent B  
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Solvent C  
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Catalyst  
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Solvent D  
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Surfactant  
Listed on the United States TSCA (Toxic Substances Control Act) inventory  
EPA TSCA Regulatory Flag  
P - P - indicates a commenced PMN substance

#### [US State regulations](#)

Catalyst  
U.S. - Massachusetts - Right To Know List  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List

### 16. OTHER INFORMATION

Full text of H-phrases:

Acute Tox. 4 (Dermal)  
Acute toxicity (dermal) Category 4

Acute Tox. 4 (Oral)  
Acute toxicity (oral) Category 4

Aquatic Acute 2

Hazardous to the aquatic environment - Acute Hazard Category 2

Aquatic Chronic 3

Hazardous to the aquatic environment - Chronic Hazard Category 3

Eye Irrit. 2A

Serious eye damage/eye irritation Category 2A

Skin Irrit. 2

Skin corrosion/irritation Category 2

STOT SE 3

Specific target organ toxicity (single exposure) Category 3

H302

Harmful if swallowed

H312

Harmful in contact with skin

H315

Causes skin irritation

H319

Causes serious eye irritation

H335

May cause respiratory irritation

H401

Toxic to aquatic life

H412

Harmful to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

Date Created: 8/19/2016

Date Updated: 1/11/2017