

# Safety Data Sheet

Version 1.1

Revision Date 03/29/2019

SDS Number 300000078624

Print Date 03/16/2020

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Dynasolve 230

Product Use Description : Silicone Remover

Manufacturer/Importer/Distributor : Versum Materials US, LLC  
8555 South River Parkway  
Tempe, AZ 85284-2601  
Exporter EIN No. 47-5632014  
www.versummaterials.com

Telephone : 800 837 2724

Emergency telephone number (24h) : 1-800-424-9300  
(+1) 703-741-5970 (CHEMTREC)

## 2. HAZARDS IDENTIFICATION

### GHS classification

Flammable liquids - Category 2  
Skin corrosion - Category 1C  
Serious Eye Damage - Category 1  
Aspiration hazard - Category 1  
Specific Target Organ Toxicity - Single Exposure - Category 3

### GHS label elements

#### Hazard pictograms/symbols



Signal Word: Danger

#### Hazard Statements:

H225:Highly flammable liquid and vapor.  
H314:Causes severe skin burns and eye damage.

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H336:May cause drowsiness or dizziness.

H304:May be fatal if swallowed and enters airways.

## Precautionary Statements:

- Prevention : P210:Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.  
P233:Keep container tightly closed.  
P240:Ground/Bond container and receiving equipment.  
P241:Use explosion-proof electrical/ventilating/lighting/equipment.  
P242:Use only non-sparking tools.  
P243:Take precautionary measures against static discharge.  
P261:Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264:Wash hands thoroughly after handling.  
P271:Use only outdoors or in a well-ventilated area.  
P280:Wear protective gloves/protective clothing/eye protection/face protection.
- Response : P301+P330+P331 :IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 :IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 :IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 :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 CENTRE/doctor.  
P363 :Wash contaminated clothing before reuse.  
P370+P378 :In case of fire, use recommended extinguishing media for extinction.
- Storage : P403+P235:Store in a well-ventilated place. Keep cool.  
P405:Store locked up.
- Disposal : P501:Disposal of contents/container to be specified in accordance with regulations.

## Hazards not otherwise classified

None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Concentration (Weight)
Naphtha (petroleum), light alkylate	64741-66-8	60% - 80 %
Benzenesulfonic acid, C10-16-alkyl derivs	68584-22-5	10% - 20 %

## 4. FIRST AID MEASURES

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General advice	: Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
Eye contact	: Hold eyelids apart, initiate and maintain gentle and continuous irrigation care is not promptly available, continue to irrigate for one hour.
Skin contact	: Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay. Flush immediately with copious amounts of water. Initiate and maintain continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour. Cover wound with sterile dressing.
Ingestion	: Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Prevent aspiration of vomit. Turn victim's head to the side.
Inhalation	: If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately. If unconscious place in recovery position and seek medical advice. Move to fresh air.
Most important symptoms/effects - acute and delayed	: Asthma. Eye disease. Skin disorders and Allergies. Neurological disorders

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## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical. Dry sand. Limestone powder.
Specific hazards	: Incomplete combustion may form carbon monoxide. Flash back possible over considerable distance. Fire or intense heat may cause violent rupture of packages. Burning produces noxious and toxic fumes. May form explosive mixtures in air. Downwind personnel must be evacuated.
Special protective equipment for fire-fighters	: Avoid contact with the skin. A face shield should be worn. Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.
Further information	: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations., Do not allow run-off from firefighting to enter drains or water courses.

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## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions,	: Remove all sources of ignition. Use self-contained breathing apparatus and
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Protective Equipment, and Emergency Procedures	chemically protective clothing. Evacuate personnel to safe areas.
Environmental precautions	: Local authorities should be advised if significant spillages cannot be contained. Prevent spilled product from entering streams or drinking water supplies. Shut off or remove all ignition sources. Construct a dike to prevent spreading.
Methods for cleaning up	: Absorb with inert absorbent materials such as: Dry sand. Vermiculite. Activated charcoal. Approach suspected leak areas with caution. Call Emergency Response number for advice. Place in appropriate chemical waste container.
Additional advice	: If possible, stop flow of product.

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## 7. HANDLING AND STORAGE

### Handling

Avoid contact with skin and eyes. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. See "Flammable and Combustible Liquid Code" NFPA No. 30, National Fire Protection Association, Boston, MA. Use personal protective equipment. When using, do not eat, drink or smoke.

### Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat and sources of ignition. Keep away from oxidizers.

### Technical measures/Precautions

Keep away from open flames, hot surfaces and sources of ignition.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering measures

Provide readily accessible eye wash stations and safety showers.  
Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

### Personal protective equipment

Respiratory protection	: Wear appropriate respirator when ventilation is inadequate.
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Eye protection	: Full face shield with goggles underneath.
Skin and body protection	: Impervious clothing. Rubber or plastic boots.

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Slicker Suit.

- Environmental exposure controls : Local authorities should be advised if significant spillages cannot be contained. Prevent spilled product from entering streams or drinking water supplies. Shut off or remove all ignition sources.
- Special instructions for protection and hygiene : Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash hands at the end of each workshift and before eating, smoking or using the toilet. Provide readily accessible eye wash stations and safety showers.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Liquid. Amber.
- Odor : No data available.
- Odor threshold : No data available.
- pH : Acidic.
- Melting point/range : No data available.
- Boiling point/range : > 200 °F (> 93.33 °C)
- Flash point : 19 °F (-7 °C) Setaflash Closed Cup
- Evaporation rate : No data available.
- Flammability (solid, gas) : Not applicable.
- Upper/lower explosion/flammability limit : Not applicable.
- Vapor pressure : No data available.
- Water solubility : Insoluble.
- Relative vapor density : Not applicable.
- Relative density : 0.71 (water = 1)
- Partition coefficient: n-octanol/water [log Kow] : No data available.
- Auto-ignition temperature : No data available.

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Decomposition temperature : No data available.  
Viscosity : No data available.  
Density : No data available.  
: 44.324 lb/ft<sup>3</sup> (0.71 g/cm<sup>3</sup>)

## 10. STABILITY AND REACTIVITY

Chemical Stability : Stable under normal conditions.  
Conditions to avoid : Heat, flames and sparks.  
Materials to avoid : Bases.  
Oxidizing agents.  
Hazardous decomposition products : Carbon monoxide.  
Carbon dioxide (CO<sub>2</sub>).  
Sulphur oxides.  
Possibility of hazardous Reactions/Reactivity : No data available.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Likely routes of exposure

Effects on Eye : Causes eye burns. May cause blindness.  
Effects on Skin : Causes skin burns. If absorbed through the skin, may cause central nervous system effects, such as headache, nausea, dizziness, confusion, breathing difficulties.  
Inhalation Effects : Can cause severe eye, skin and respiratory tract burns. Inhalation of aerosol may cause irritation to the upper respiratory tract. May cause central nervous system effects, such as headache, nausea, dizziness, confusion, breathing difficulties. Severe cases of overexposure can result in respiratory failure.  
Ingestion Effects : If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.  
Symptoms : No data available.

#### Acute toxicity

Acute Oral Toxicity : No data is available on the product itself.

#### Acute Oral Toxicity - Components

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Naphtha (petroleum), light alkylate  
Benzenesulfonic acid, C10-16-alkyl  
derivs

LD50 : > 5,000 mg/kg  
LD50 : 650 mg/kg

Species : Rat  
Species : Rat

Inhalation : No data is available on the product itself.

Inhalation - Components

Naphtha (petroleum), light alkylate

LC50 (4 h) : > 9.4 mg/l

Species : Rat

Acute Dermal Toxicity : No data is available on the product itself.

Acute Dermal Toxicity - Components

Naphtha (petroleum), light alkylate  
Benzenesulfonic acid, C10-16-alkyl  
derivs

LD50 : > 20,000 mg/kg  
LD50 : > 2,000 mg/kg

Species : Rabbit  
Species : Rabbit

Skin corrosion/irritation : Causes skin burns.

Serious eye damage/eye  
irritation : Risk of serious damage to eyes.

Sensitization. : No data available.

Chronic toxicity or effects from long term exposures

Carcinogenicity : No data available.

Reproductive toxicity : No data is available on the product itself.

Germ cell mutagenicity : No data is available on the product itself.

Specific target organ systemic  
toxicity (single exposure) : May cause drowsiness or dizziness.

Specific target organ systemic  
toxicity (repeated exposure) : No data available.

Aspiration hazard : May be fatal if swallowed and enters airways.

Delayed and Immediate Effects and Chronic Effects from Short and Long Term Exposure

This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater. Asthma., Eye disease., Skin disorders and Allergies., Neurological disorders

## 12. ECOLOGICAL INFORMATION

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## Ecotoxicity effects

Aquatic toxicity : No data is available on the product itself.

Toxicity to other organisms : No data available.

## Persistence and degradability

Biodegradability : No data is available on the product itself.

Mobility : No data available.

Bioaccumulation : No data is available on the product itself.

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## 13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products : Contact supplier if guidance is required.

Contaminated packaging : Dispose of container and unused contents in accordance with federal, state, and local requirements.

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## 14. TRANSPORT INFORMATION

### DOT

UN/ID No. : UN2924  
Proper shipping name : Flammable liquids, corrosive, n.o.s., (Naphtha (petroleum), light alkylate, Benzenesulfonic acid, C10-16-alkyl derivs)  
Class or Division : 3  
Packing group : II  
Label(s) : 3 (8)  
Marine Pollutant : No

### IATA

UN/ID No. : UN2924  
Proper shipping name : Flammable liquid, corrosive, n.o.s., (Naphtha (petroleum), light alkylate, Benzenesulfonic acid, C10-16-alkyl derivs)  
Class or Division : 3  
Packing group : II  
Label(s) : 3 (8)  
Marine Pollutant : No

### IMDG

UN/ID No. : UN2924  
Proper shipping name : FLAMMABLE LIQUID, CORROSIVE, N.O.S., (Naphtha (petroleum), light alkylate, Benzenesulfonic acid, C10-16-alkyl derivs)



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Class or Division : 3  
Packing group : II  
Label(s) : 3 (8)  
Marine Pollutant : No

## TDG

UN/ID No. : UN2924  
Proper shipping name : FLAMMABLE LIQUID, CORROSIVE, N.O.S., (Naphtha (petroleum), light alkylate, Benzenesulfonic acid, C10-16-alkyl derivs)  
Class or Division : 3  
Packing group : II  
Label(s) : 3 (8)  
Marine Pollutant : No

## Further Information

The transportation information is not intended to convey all specific regulatory data relating to this material. For complete transportation information, contact customer service.

## 15. REGULATORY INFORMATION

Toxic Substance Control Act (TSCA) 12(b) Component(s):

None.

Country	Regulatory list	Notification
USA	TSCA	Included on Inventory.
EU	EINECS	Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer.
Canada	DSL	Included on Inventory.
Australia	AICS	Included on Inventory.
Japan	ENCS	Included on Inventory.
South Korea	ECL	Included on Inventory.
China	SEPA	Included on Inventory.
Philippines	PICCS	Included on Inventory.

EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification  
Fire Hazard. Acute Health Hazard

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level  
None.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

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## 16. OTHER INFORMATION

### HMIS Rating

Health : 3  
Flammability : 3  
Physical hazard : 0

Prepared by : Versum Materials, Product Regulatory Department

Telephone : 800 837 2724

Preparation Date : 03/16/2020

For additional information, please visit Versum Materials' Product Stewardship web site.  
<http://www.versummaterials.com/productstewardship/>

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