

C327 Red Out Spot Remover

SAFETY DATA SHEET

SECTION 1: Identification

1.1 Product identifier

Product name C327 Red Out Spot Remover

1.4 Supplier's details

Name HOSPECO
Address 10966 INDUSTRIAL PARKWAY NW
BOLIVAR OH 44612
USA

Telephone 800-443-4321

1.5 Emergency phone number(s)

US, Canada: 800-255-3924. International: +01-813-248-0585

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 2
- Flammable liquids, Cat. 4

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H227
H315
H318

Combustible liquid
Causes skin irritation
Causes serious eye damage

Precautionary statement(s)

P210
P264
P280

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Wash exposed areas thoroughly after handling.
Wear eye protection/face protection/protective gloves.

C327 Red Out Spot Remover

SAFETY DATA SHEET

P302+P352
P305+P351+P338

P332+P313
P362+P364
P403+P235

IF ON SKIN: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
Store in a well-ventilated place. Keep cool.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Sodium carbonate

Concentration	> 0 - < 5 % (weight)
EC no.	207-838-8
CAS no.	497-19-8
Index no.	011-005-00-2

- Serious eye damage/eye irritation, Cat. 2

H319	Causes serious eye irritation
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2. Isopropanol

Concentration	> 0 - < 5 % (weight)
EC no.	414-810-0
CAS no.	67-63-0
Index no.	607-403-00-6

- Flammable liquids, Cat. 2
- Eye damage/irritation, Cat. 2A
- Specific target organ toxicity (single exposure), Cat. 3

H225	Highly flammable liquid and vapor
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

3. Sulfuric acid, mono-C10-16-alkyl esters, sodium salts

Concentration	> 0 - < 5 % (weight)
CAS no.	68585-47-7

- Eye damage/irritation, Cat. 1
- Acute toxicity, oral, Cat. 4
- Skin corrosion/irritation, Cat. 2

H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage

C327 Red Out Spot Remover

SAFETY DATA SHEET

4. D-Limonene

Concentration	> 0 - < 5 % (weight)
EC no.	227-813-5
CAS no.	5989-27-5

- Aspiration hazard, Cat. 1
- Flammable liquids, Cat. 3
- Hazardous to the aquatic environment - acute hazard, Cat. 1
- Hazardous to the aquatic environment - long-term hazard, Cat. 1
- Sensitization, skin, Cat. 1
- Skin corrosion/irritation, Cat. 2

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

5. Nonionic Surfactant

Concentration	> 0 - < 5 % (weight)
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- Eye damage/irritation, Cat. 1

H318	Causes serious eye damage
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SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
In case of skin contact	Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
In case of 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 immediately.
If swallowed	Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

C327 Red Out Spot Remover

SAFETY DATA SHEET

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

6.2 Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases

6.3 Methods and materials for containment and 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 product from entering drains. 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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not get this material in contact with eyes. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Isopropyl alcohol (CAS: 67-63-0)

PEL (Inhalation): 400 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 980 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 400 ppm, (ST) 500 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 400 ppm, (ST) 500 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 200 ppm, (ST) 400 ppm; USA (ACGIH)

C327 Red Out Spot Remover

SAFETY DATA SHEET

OSHA Annotated Table Z-1, www.osha.gov

2. D-Limonene (CAS: 5989-27-5 EC: 227-813-5)

TLV® (Inhalation): 20 ppm (ACGIH)

8.2 Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection

Use protective gloves made of: Nitrile. Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC). Butyl rubber. Viton rubber (fluor rubber). Suitable gloves can be recommended by the glove supplier.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Chemical respirator with organic vapor cartridge.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Clear to slightly hazy liquid
Odor	Citrus
Odor threshold	No data available
pH	7.5-9.5
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	140F
Evaporation rate	No data available
Flammability (solid, gas)	Combustible
Upper/lower flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	1.0-1.02
Solubility(ies)	Water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	As water
Explosive properties	No data available
Oxidizing properties	No data available

SECTION 10: Stability and reactivity

C327 Red Out Spot Remover

SAFETY DATA SHEET

10.2 Chemical stability

Stable under normal conditions.

10.5 Incompatible materials

High heat, flames or sparks. Oxidizing agents.

Isopropanol: Oxidizing agents, Acid anhydrides, Aluminium, Halogenated compounds, Acids

D-Limonene: Strong oxidizing agents

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

May cause skin irritation.

Serious eye damage/irritation

Severe eye irritation.

Respiratory or skin sensitization

Does not contain sensitizers.

Carcinogenicity

This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater.

SECTION 12: Ecological information

Persistence and degradability

Biodegradable

SECTION 13: Disposal considerations

Disposal of the product

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

Disposal of contaminated packaging

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

SECTION 14: Transport information

DOT (US)

UN Number: ORMD Limited Quantity

Class:

Packing Group:

Proper Shipping Name:

C327 Red Out Spot Remover

SAFETY DATA SHEET

Reportable quantity (RQ):
Marine pollutant:
Poison inhalation hazard:

IMDG

UN Number: UN1993
Class: 3
Packing Group: III
EMS Number:
Proper Shipping Name: Flammable Liquid NOS (Isopropanol)

IATA

UN Number: UN1993
Class: 3
Packing Group: III
Proper Shipping Name: Flammable Liquid NOS (Isopropanol)

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Sodium carbonate
CAS-No.: 497-19-8

California Prop. 65 Components

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

New Jersey Right To Know Components

Sodium carbonate
CAS-No.: 497-19-8

Massachusetts Right To Know Components

Isopropyl alcohol
CAS number: 67-63-0

New Jersey Right To Know Components

Isopropyl alcohol

C327 Red Out Spot Remover

SAFETY DATA SHEET

CAS number: 67-63-0

Pennsylvania Right To Know Components

Isopropyl alcohol
CAS number: 67-63-0

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:
Isopropyl alcohol
CAS number: 67-63-0

Massachusetts Right To Know Components

D-Limonene

Pennsylvania Right To Know Components

D-Limonene

New Jersey Right To Know Components

D-Limonene

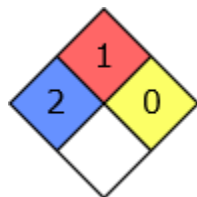
California Prop. 65 Components

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

HMIS Rating

C327 Red Out Spot Remover	
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

This Safety Data Sheet is offered solely for your information, consideration and investigation. There are no warranties, either expressed or implied and no responsibility is assumed for the accuracy or completeness of the data contained herein.