



Safety Data Sheet REVEAL LITE



Safety Data Sheet dated 1/8/2022, version 1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Mixture identification:

Trade name: REVEAL LITE
Trade code: 9.REVEALM750 / 9.REVEALM5L

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

Recommended uses:

Removal of residual abrasive paste for car body / cleaning and preparation of car body for polishing.

Uses advised against:

Any different use other than the above specified.

1.3. Details of the supplier of the safety data sheet

Company:

RUPES S.p.A.
Via Marconi, 3A
Loc. Vermezzo, 20071 Vermezzo con Zelo (MI) – Italy

Competent person responsible for the safety data sheet:

e-mail: info_rupes@rupes.it

tel.: +3902946941

1.4. Emergency telephone number

Country	Emergency number	Country	Emergency number
Austria	+43 01406 43 43 (24/7)	Ireland	+353 01 809 2566 (24/7)
Belgium	+ 32 070 245 245 (24/7)	Latvia	+371 67042473 (24/7) 112
Bulgaria	+359 2 9154 233 (24/7)	Lithuania	+370 (85) 2362052 (24/7)
Croatia	+3851 2348 342 (24/7)	Luxembourg	+352 8002 5500 (24/7)
Cyprus	1401 (24/7)	Malta	112
Czech Republic	+420 224 919 293 (24/7)	Netherlands	+31 (0) 88 755 8000 (24/7)
Denmark	+45 8212 1212	Norway	+47 22 59 13 00 (24/7)
Estonia	+372 7943 794 (24/7) 16662 (National, 24/7)	Poland	112
Finland	+ 358 0800 147 111 (24/7)	Portugal	+351 800 250 250 (24/7)
France	+33 (0)1 45 42 59 59 (24/7)	Romania	+40 (0) 021318 3606 (24/7)
Germany	112	Slovakia	+421 2 5477 4166 (24/7)
Greece	+0030 2107793777 (24/7)	Slovenia	112
Hungary	+36 80 201 199 (24/7)	Spain	+ 34 91 562 04 20
Iceland	+354 5432222 (24/7) 112	Sweden	112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

- Danger, Flam. Liq. 2, Highly flammable liquid and vapour.
- Warning, Eye Irrit. 2, Causes serious eye irritation.
- Warning, STOT SE 3, May cause drowsiness or dizziness.

Adverse physicochemical, human health and environmental effects:

No other hazards



Safety Data Sheet REVEAL LITE

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves/clothing.

P304+P340 IF INHALED: Remove person to fresh air and keep 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.

P370+P378 In case of fire, use nebulized water / dry powder or foam fire extinguisher to extinguish.

P403+P233 Store in a well-ventilated place.

Special Provisions:

None

Contains

Isopropanol

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$

Other Hazards:

No other hazards




SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
$\geq 25\%$	Isopropanol	Index number: 603-117-00-0	 2.6/2 Flam. Liq. 2 H225
- < 50%		CAS: 67-63-0	 3.3/2 Eye Irrit. 2 H319
		EC: 200-661-7	 3.8/3 STOT SE 3 H336
		REACH: 01-2119457558-25	

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

After contact with skin, wash with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Safety Data Sheet

REVEAL LITE

Protect uninjured eye.

In case of Ingestion:

OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

4.2. Most important symptoms and effects, both acute and delayed
None

4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Use chemical extinguishing powder, carbon dioxide (CO₂) or foam extinguishers.

Extinguishing media which must not be used for safety reasons:

Direct water jet.

5.2. Special hazards arising from the substance or mixture

In the event of combustion carbon oxides (CO_x) can be formed.

5.3. Advice for firefighters

Always wear complete fire protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Store in suitable, closed, labelled containers.

For cleaning up:

Block the leakage as possible. Swipe up the product with adsorbent materials and transfer the product in a clean container. Wash the area of the spillage with plenty of water.

6.4. Reference to other sections

See also section 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Before any transfer operation, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Handle and use according to the hygiene and safety standards of good industrial practice.

7.2. Conditions for safe storage, including any incompatibilities

Keep the substance in apposite and closed containers. Keep in a cool, ventilate place.

Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight, the product is flammable.



Safety Data Sheet

REVEAL LITE

Keep away from food, drink and feed.

Incompatible materials:
Strong oxidising agents.

7.3. Specific end use(s)

Refer to uses in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Isopropanol - CAS: 67-63-0

ACGIH - TWA(8h): 200 ppm - STEL: 400 ppm

NIOSH - REL 400 ppm - STEL 1,225 mg/m³

OSHA - PEL 980 mg/m³ - PEL 400 ppm

OELs (US-California) - TWA PEL 980 mg/m³, 400 ppm - STEL 1,225 mg/m³, STEL 500 ppm

OELs (US-Tennessee) - STEL 1,225 mg/m³, STEL 500 ppm

TRGS - AGW 500 mg/m³, AGW 200 ppm

DFG - MAK 500 mg/m³, MAK 200 mg/m³

DNEL Exposure Limit Values

Isopropanol - CAS: 67-63-0

Worker Industry: 500 mg/m³ - Consumer: 89 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects - Endpoint: Repeated dose toxicity (inhalation) - Notes: ECHA Database

Worker Industry: 888 mg/kg - Consumer: 319 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity (dermal)

Consumer: 26 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity (oral)

PNEC Exposure Limit Values

Isopropanol - CAS: 67-63-0

Target: Fresh Water - Value: 140.9 mg/l - Notes: ECHA Database

Target: Marine water - Value: 140.9 mg/l

Target: Freshwater sediments - Value: 552 mg/kg

Target: Marine water sediments - Value: 552 mg/kg

Target: Soil (agricultural) - Value: 28 mg/kg

Target: STP - Value: 2251 mg/l

8.2. Exposure controls

Eye protection:

Use close fitting safety goggles if there is an high risk of splashes.

Protection for skin:

Use clothing that provides comprehensive protection to the skin.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Not necessary for normal use.

Thermal Hazards:

Products of combustion include carbon monoxide (CO) and carbon dioxide (CO₂).

Heavy smoke is generated from combustion. Highly flammable product.

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Physical state:	Liquid	--	--
Colour:	Transparent	--	--
Odour:	Characteristic	--	--
Melting point/freezing point:	Not determined as not relevant for product characterisation	--	--
Boiling point:	> 80°C	--	--
Flammability:	Flammable	--	--
Lower and upper explosion limit:	Not determined as not relevant for product characterisation	--	--
Flash point:	< 23°C	--	--
Auto-ignition temperature:	Not determined as not relevant for product characterisation	--	--
Decomposition temperature:	Not determined as not relevant for product characterisation	--	--
pH:	Not determined as not relevant for product characterisation	--	--
Kinematic viscosity:	Approx 1,05 mm ² /s a 20°C	--	--
Solubility in water:	Soluble	--	--
Solubility in oil:	Not determined as not relevant for product characterisation	--	--
Partition coefficient n-octanol/water (log value):	Not determined as not relevant for product characterisation	--	--
Vapour pressure:	Not determined as not relevant for product characterisation	--	--
Density and/or relative density:	Not determined as not relevant for product characterisation	--	--
Relative vapour density:	Not determined as not relevant for product characterisation	--	--

Particle characteristics:

Particle size:	Not applicable	--	--
----------------	----------------	----	----

9.2. Other information

None

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal condition of use.

10.2. Chemical stability

Stable under normal condition of use.

10.3. Possibility of hazardous reactions

Keep away from strongly oxidizing agents. Keep away from heat sources and open flames, flammable product.

10.4. Conditions to avoid

Keep away from sources of ignition.

10.5. Incompatible materials

Strong oxidising agents.

10.6. Hazardous decomposition products

Carbon oxides (COx).



Safety Data Sheet

REVEAL LITE

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information of the product:

Not available

Toxicological information of the main substances found in the product:

Isopropanol - CAS: 67-63-0

a) acute toxicity:

Test: LC50 - Route: Oral - Species: Rat 5.84 g/kg - Duration: 14 days - Source: ECHA Database (Registration dossier) - Notes: OECD 401

Test: LC50 - Route: dermal - Species: Rat 10000 ppm - Duration: 6h - Notes: OECD 403

Test: LC50 - Route: dermal - Species: Rabbit 16.4 ml/kg - Duration: 14 days - Notes: OECD 402

b) skin corrosion/irritation:

Test: irritation - Route: dermal - Species: Rabbit Positive - Duration: 4h

c) serious eye damage/irritation:

Test: irritation - Route: ocular - Species: Rabbit Positive - Duration: 14 days - Notes: OECD 405

d) respiratory or skin sensitisation:

Test: sensitization - Route: dermal - Species: Guinea Pig Negative - Duration: 96h - Notes: OECD 406

e) germ cell mutagenicity:

Test: Genotoxicity - Route: In vitro - Species: Salmonella Typhimurium Negative - Duration: 48h - Notes: OECD 471

Test: Chromosome aberration - Species: Mouse Negative - Notes: OECD 474

f) carcinogenicity:

Test: Carcinogenicity - Route: Inhalation Vapour - Species: Rat Negative - Notes: OECD 451

i) STOT-repeated exposure:

Test: NOAEL - Route: Inhalation Vapour - Species: Rat 5000 mg/l - Notes: OECD 431

If not differently specified, the information required in Regulation (EU)2020/878 listed below must be considered as N.A.:

a) acute toxicity;

b) skin corrosion/irritation;

c) serious eye damage/irritation;

d) respiratory or skin sensitisation;

e) germ cell mutagenicity;

f) carcinogenicity;

g) reproductive toxicity;

h) STOT-single exposure;

i) STOT-repeated exposure;

j) aspiration hazard.

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration $\geq 0.1\%$

SECTION 12: Ecological information

12.1. Toxicity

Isopropanol - CAS: 67-63-0

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Fish Freshwater = 9640 mg/l - Duration h: 96 - Notes: OECD 203 Pimephales promelas ECHA Database (Registration dossier)

Endpoint: LC50 - Species: Daphnia > 10000 mg/l - Duration h: 24 - Notes: OECD 202 Daphnia magna



Safety Data Sheet REVEAL LITE

- Species: Algae = 1800 mg/l - Duration h: 7 - Notes: days Scenedesmus quadricauda
- 12.2. Persistence and degradability
Isopropanol - CAS: 67-63-0
Biodegradability: Readily biodegradable - Test: Oxygen consumption - Duration: 5 d - %: 53 - Notes: ECHA database
- 12.3. Bioaccumulative potential
Isopropanol - CAS: 67-63-0
Test: Kow - Partition coefficient 0.05
- 12.4. Mobility in soil
Not available
- 12.5. Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None
- 12.6. Endocrine disrupting properties
No endocrine disruptor substances present in concentration \geq 0.1%
- 12.7. Other adverse effects
None

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods
Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

- 14.1. UN number or ID number
ADR / RID: 1219
IMDG: 1219
IATA: 1219
- 14.2. UN proper shipping name
ADR / RID: ISOPROPANOL (ISOPROPYL ALCOHOL)
IMDG: ISOPROPANOL (ISOPROPYL ALCOHOL)
IATA: ISOPROPANOL (ISOPROPYL ALCOHOL)
- 14.3. Transport hazard class(es)
ADR / RID: Class: 3 Label: 3
IMDG: Class: 3 Label: 3
IATA: Class: 3 Label: 3
- 14.4. Packing group
ADR / RID: II
IMDG: II
IATA: II
- 14.5. Environmental hazards
ADR / RID: NO
IMDG: NO
IATA: NO
- 14.6. Special precautions for user
ADR / RID: HIN - Kemler: 33 Limited Quantities: 1 L
Tunnel restriction code: (D/E)
Special provision: -
IMDG: EMS: F-E, S-D Limited Quantities: 1 L
IATA: Cargo: Maximum quantity: 60 L
Packaging instructions: 364
Pass.: Maximum quantity: 5 L
Packaging instructions: 353
Special provision: A180



Safety Data Sheet REVEAL LITE

14.7. Maritime transport in bulk according to IMO instruments
Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 2020/878
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
None

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)
Regulation (EC) nr 648/2004 (detergents).
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1
None

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:



Safety Data Sheet REVEAL LITE

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 2, H225	On basis of test data
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H336	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van
Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.