

SAFETY DATA SHEET

RESOLVIT GEL

Date: MAY 2019
Revision: 3

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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Resolvit Gel

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

Cleaning solvent for industrial/commercial use.

1.3 Details of the supplier of the safety data sheet

SUPPLIER: Cleaning Warehouse Ltd,
Unit A10 The Square,
Greenogue Business Park,
Rathcoole, D24 H512

01-9602663

1.4 Emergency telephone number

01 809 2166 (8am to 10pm every day)

2. Hazards identification

2.1 Classification of the substance or mixture

Classification under CLP Regs.: Flam. Liq.3 H226; Skin irrit.2 H315; Skin sensitiser 1 H317; Eye irrit.2 H319;
Aquatic acute 1/chronic 1 H410

2.2 Label elements

Label elements under CLP:

Hazard pictograms: GHS02; GHS07; GHS09



Signal Word: Warning

Hazard Statements: H226: Flammable liquid and vapour. H319: Causes serious eye irritation. H315: Causes skin irritation.
H317: May cause an allergic skin reaction. H410: Very toxic to aquatic life with long lasting effects.

Precautionary statements: PREVENTION: Avoid release to the environment. Wear protective gloves, clothing and eye protection.

RESPONSE: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If skin irritation or a rash occurs: get medical advice/attention. Collect spillage.

DISPOSAL: Dispose of container/contents to an approved waste disposal site.

2.3 Other hazards

PBT: this material does not contain any substance identified as a PBT or vPvB substance

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3. Composition/information on ingredients

3.1 Substances

3.2 Mixture

Hazardous ingredients:

CAS	EINECS	Classification CLP	Conc. w/w%
Citrus Terpenes (REACH Reg. No. 01-2119493353-35)			
8028-48-6	232-433-8	Flam. Liq.3 H226; Skin irrit.2 H315; Skin sens.1 H317; Aqua. Ac.1, Aqua chr.1 H410	60-100

See section 16 for full text of H statements

4. First aid measures

4.1 Description of first aid measures

Eye contact: Flush with clean water for at least 15 minutes. Remove any contact lenses. Get medical attention if irritation persists.

Skin contact: Remove at once all contaminated clothing. Wash area with soap and water. Seek medical advice if irritation persists.

Ingestion: DO NOT induce vomiting. Rinse mouth thoroughly. Get medical attention if discomfort continues.

Inhalation: Move to fresh air. Get medical attention.

4.2 Most important symptoms and effects both acute and delayed

Inhalation: coughing, shortness of breath. Ingestion: stomach pain, vomiting. Prolonged skin contact: irritation, redness, drying.

4.3 Indication of any immediate medical attention and special treatment needed

No recommendation.

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Use alcohol resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable agents:

Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition may produce oxides of carbon and other toxic fumes.

5.3 Advice for firefighters

Self-contained breathing apparatus and full protective clothing should be worn.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See section 8 for advice on protective clothing.

6.2 Environmental precautions

Spillage or uncontrolled discharge into watercourses must be notified immediately to the appropriate authority.

6.3 Methods and material for containment and cleaning up

Contain in inert absorbent material and transfer into a suitable closed container for disposal according to local regulations. If possible, clean area with detergent to remove residues.

6.4 Reference to other sections

Refer to section 13 for disposal.

7. Handling and storage**7.1 Precautions for safe handling**

Avoid skin and eye contact.

7.2 Conditions for safe storage, including any incompatibilities

Keep in original container, tightly closed. Store in a cool, well ventilated place.

7.3 Specific end use

See section 1.2

8. Exposure controls/personal protection**8.1 Control parameters****Substances assigned Workplace Exposure Limits**

Name	type	Long term(8hrTWA)	Short term(15mins)
NONE			

DNEL Citrus terpenes

Exposure	Value	Population	Effect
Dermal	8.89mg/kg/day	workers	Long term systemic
Inhalation	31.1mg/m ³	workers	Long term systemic
Dermal	4.44mg/kg/day	consumers	Long term systemic
Inhalation	7.78mg/kg	consumers	Long term systemic

PNEC Citrus terpenes: Fresh water 5.4µg/l; Marine water 540ng/l; STP 2.1mg/l; Soil 261µg/kg

8.2 Exposure controls

Wear nitrile gloves if skin contact is unavoidable. Wear eye protection to prevent liquid splashes if necessary. Wear suitable protective clothing to prevent skin contact. Avoid inhalation of spray mist. Ensure adequate ventilation.

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance: Clear viscous liquid

Odour: strong citrus

Density at 20°C: 0.84kg/ltr

Solubility: partially miscible in water.

pH(1% solution): N/A

Flash point: >40°C

Boiling point/range: IBP 173°C

Oxidising: No

9.2 Other information**10. Stability and reactivity****10.1 Reactivity**

No specific hazards

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Auto ignition is possible with fine mists of flammable material.

10.4 Conditions to avoid

High temperatures, sources of ignition.

10.5 Incompatible materials

Strong oxidising agents, strong acids.

10.6 Hazardous decomposition products

Thermal decomposition produces oxides of carbon.

11. Toxicological information

11.1 Information on toxicological effects.

Eyes: Irritation, redness and watering.

Skin: Irritation, redness and defatting leading to cracking. May cause sensitisation by skin contact

Ingestion: Sore throat and mouth, abdominal pain, vomiting. Aspiration of liquid can cause lung damage.

Inhalation: Coughing, shortness of breath, irritation to membranes of nose and throat.

Acute toxicity;

Citrus terpenes: LD50 5000mg/kg (oral, rat)

12. Ecological information

12.1 Toxicity

Citrus terpenes: Very toxic to aquatic organisms – LC50 0.7mg/l (Pimephales promelas, 96hrs)

12.2 Persistence and degradability

The product contains ingredients which are ultimately biodegradable or inert.

12.3 Bioaccumulative potential

Not determined. Product is volatile and will evaporate.

12.4 Mobility in soil

Not determined.

12.5 Results of PBT and vPvB assessment

Does not contain any ingredients identified as PBT or vPvB substances.

12.6 Other adverse effects

Not determined.

13. Disposal considerations

13.1 Waste treatment methods

Comply with local regulations. Do not allow concentrate to enter water systems. Waste including empty containers and spill clean-up to be treated as controlled waste.

14. Transport information

14.1 UN Number

UN 1993

14.2 UN Proper shipping name

Flammable liquid, n.o.s.

14.3 Transport hazard class(es)

C class 3, Flammable liquids. (ADR, IATA, IMDG)

14.4 Packing group

Group III

14.5 Environmental hazards

Environmentally hazardous substance, liquid; Marine pollutant

14.6 Special precautions for user

Additional transport information.

ADR Hazard identification no. :30

Transport category: 3

Tunnel restriction code D/E

15. Regulatory information

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

None

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

16. Other information

This safety data sheet has been prepared according to EU Commission Regulation 453/2010

The information supplied in this document is based on our present state of knowledge and is given in good faith. It is not intended and should not be construed as a specification or guarantee of specific properties. The responsibility remains with the user to comply with all relevant laws, regulations and directives, to make their own assessment of workplace risks and to determine the suitability of the product for a particular use or application.

The hazards information in this data sheet refers to the material as supplied and not to any subsequent dilution or mixture.

The full text of the H statements referred to in section 3 are shown below. These classifications apply to the ingredients, in their concentrated form, which contribute to the classification of the product or mixture.

H226: Flammable liquid and vapour

H315: Causes skin irritation

H317: May cause an allergic skin reaction.

H410: Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Goods by Road
CAS	Chemical Abstracts Service
CHIP	Chemicals (Hazard Information and Packaging) Regulations – Directives 1999/45.EC and 67/548/EC
CLP	Classification and Labelling of Chemicals – Regulation (EC) No. 1272/2008
CMR	Carcinogenic-mutagenic-toxic for reproduction
DNEL	Derived No Effect Level
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration, 50%
LD50	Lethal Dose, 50%
NOEC	No Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent, Bioaccumulative, Toxic
PNEC	Predicted No Effect Concentration
vPvB	very Persistent, very Bioaccumulative
RID	Convention concerning International Carriage by Rail
WEL	Workplace Exposure Limit
VOC	Volatile Organic Compound