

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

· 1.1 Product identifier

· Trade name: 8310A

- **Other Means of Identification:** Conformal Coating Remover-Gel
- **Related Part Number:** 8310A, 8310A-55ML, 8310A-225ML, 8310A-850ML, 8310A-3.6L
- **UFI:** 87E0-T0X9-E009-8Q6C

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

- **Application of the substance / the mixture** Coating stripper
- **Uses advised against** For industrial and professional use only.

· 1.3 Details of the supplier of the safety data sheet

· **Manufacturer/Supplier:**

MG Chemicals Ltd. (Head Office)
1210 Corporate Drive
Burlington, Ontario L7L 5R6
CANADA
+(1) 905-331-1396
info@mgchemicals.com

MG Chemicals
Heame House, 23 Bliston Street
Sedgely Dudley DY3 1JA.
United Kingdom
+(44) 1663 362888

MG Chemicalst Ltd.
18-20, Msida Road,
Gzira, GZR 1401
MALTA

- **Further information obtainable from:** sds@mgchemicals.com

· 1.4 Emergency telephone number:

3E (Access code: 335388)
+(44) 20 3514787
+(1) 760 476 3961
UK Toll free: +(0) 800 680 0425

Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· **Classification according to Regulation (EC) No 1272/2008**

Flam. Liq. 2 H225 Highly flammable liquid and vapour.
Eye Dam. 1 H318 Causes serious eye damage.
Repr. 1B H360 May damage fertility or the unborn child.
STOT SE 3 H336 May cause drowsiness or dizziness.

(Contd. on page 2)

— GB —

Safety data sheet

according to UK REACH

Trade name: 8310A

(Contd. of page 1)

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



GHS02 GHS05 GHS07 GHS08

Signal word Danger

Hazard-determining components of labelling:

acetone
1,3-dioxolane
dimethoxymethane

Hazard statements

H225 Highly flammable liquid and vapour.
H318 Causes serious eye damage.
H360 May damage fertility or the unborn child.
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, protective clothing, and eye protection.
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 CENTER or doctor.
P308+P313 IF exposed or concerned: Get medical advice.
P370+P378 In case of fire: Use CO₂, powder or water spray to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.
Restricted to professional users.

2.3 Other hazards

Results of PBT and vPvB assessment

- PBT: Not applicable
- vPvB: Not applicable

Determination of endocrine-disrupting properties Endocrine Disruptor substance $\geq 0.1\%$ = none

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8	acetone ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	48%
CAS: 646-06-0 EINECS: 211-463-5 Index number: 605-017-00-2	1,3-dioxolane ⚠ Flam. Liq. 2, H225; ⚠ Repr. 1B, H360; ⚠ Eye Dam. 1, H318	34%

(Contd. on page 3)

Safety data sheet

according to UK REACH

Printing date 02.04.2026

Version number 5.00 (replaces version 4.02)

Revision: 08.09.2024

Trade name: 8310A

(Contd. of page 2)

CAS: 109-87-5 EINECS: 203-714-2	dimethoxymethane ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H335; STOT SE 3, H336	16%
------------------------------------	--	-----

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· **After inhalation:**

Remove person to fresh air and keep comfortable for breathing.
If feeling unwell: Call a POISON CENTRE or doctor.

· **After skin contact:**

Take off immediately all contaminated clothing.
Wash with plenty of soap and water.

· **After eye contact:**

Rinse cautiously with water for at least 30 minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
Immediately call a POISON CENTER or doctor.

· **After swallowing:**

Rinse mouth.
Do NOT induce vomiting.
If symptoms persist consult doctor.

· **Information for doctor:** Treat symptomatically

· 4.2 Most important symptoms and effects, both acute and delayed

See section 11 for additional information.

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

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· 5.2 Special hazards arising from the substance or mixture

Prevent fire-fighting wash from entering waterway or sewer system.

· **Hazardous combustion products:** Carbon Oxides (CO_x)

· 5.3 Advice for firefighters

· **Protective equipment:** Wear self-contained breathing apparatus and full fire-fighting turn-out gear.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Remove or keep away all sources of extreme heat or open flames.

(Contd. on page 4)

Safety data sheet according to UK REACH

Page 4/12

Printing date 02.04.2026

Version number 5.00 (replaces version 4.02)

Revision: 08.09.2024

Trade name: 8310A

(Contd. of page 3)

Avoid breathing mist, spray, or vapors.

· 6.2 Environmental precautions:

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

RECOMMENDATION: Use a grounded stainless steel or carbon steel container.

Collect liquid in a sealable, chemical-resistant container.

Wash residue with a paper towel and place dirty towels in container.

Use soap and water to remove the last traces of residue.

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Wear protective gloves and eye protection.

Wash hands and exposed skin thoroughly after handling.

Take off contaminated clothing and wash it before reuse.

Avoid breathing mist, spray, or vapors.

Use only outdoors or in a well-ventilated area.

Obtain, read and follow all safety instructions before use.

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Ground and bond container and receiving equipment.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles:

Store in a well-ventilated place. Keep cool.

· Information about storage in one common storage facility: Not required

· Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Store locked up.

· Storage class: 3

· 7.3 Specific end use(s) See section 1.2

— GB —

(Contd. on page 5)

Trade name: 8310A

(Contd. of page 4)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

67-64-1 acetone	
WEL	Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 ppm
109-87-5 dimethoxymethane	
WEL	Short-term value: 3950 mg/m ³ , 1250 ppm Long-term value: 3160 mg/m ³ , 1000 ppm

Additional information:

The lists valid during the making were used as basis.

Refer to the national or regional occupational exposure limit regulation for abbreviations and acronyms.

8.2 Exposure controls

Appropriate engineering controls Keep airborne concentrations below exposure limits.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Respiratory protection:

If the product is heated or worker has a known allergic reaction, consider using a full mask with organic vapor cartridge or with an independent air supply.

For over-exposures up to 10 x OEL of mist, vapors, and spray, wear respirator such as a half-mask respirator with organic vapor cartridges.

Above 10 x OEL, use a positive-pressure, air-supplied respirator or a self-contained breathing apparatus.

Advice should be sought from respiratory protection specialists.

Hand protection

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.



Protective gloves: EN374

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 6)

Safety data sheet

according to UK REACH

Trade name: 8310A

(Contd. of page 5)

· Eye/face protection



Safety glasses or tightly sealed goggles: EN 166

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· Physical state	Liquid
· Form:	Gel
· Colour:	Colourless
· Odour:	Like ketone
· Odour threshold:	Not determined
· Melting point/freezing point:	Undetermined
· Boiling point or initial boiling point and boiling range	42 °C
· Flammability	Highly flammable.
· Lower and upper explosion limit	
· Lower:	2.8 Vol %
· Upper:	16.6 Vol %
· Flash point:	-30 °C
· Auto-ignition temperature:	250 °C
· Decomposition temperature:	Not determined
· pH	Not determined
· Viscosity:	
· Kinematic viscosity	Not determined
· Dynamic:	Not determined
· Solubility	
· water:	Fully miscible.
· Partition coefficient n-octanol/water (log value)	Not determined
· Vapour pressure at 20 °C:	221 hPa
· Relative density at 20 °C:	0.88
· Vapour density (air=1):	>2.01
· Particle characteristics	Not applicable.

· 9.2 Other information

· 9.2.1 Information with regard to physical hazard classes

· Flammable liquids Highly flammable liquid and vapour.

· 9.2.2 Other safety characteristics

· Evaporation rate	Not determined
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Solvent content:	
· Organic solvents:	48.00 %
· VOC (EC)	48.00 %

(Contd. on page 7)

Safety data sheet

according to UK REACH

Printing date 02.04.2026

Version number 5.00 (replaces version 4.02)

Revision: 08.09.2024

Trade name: 8310A

(Contd. of page 6)

· Solids content:	18.0 %
-------------------	--------

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** Chemically stable at normal temperatures and pressures.
 - **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:**
 - Strong acids
 - Strong bases
 - Strong oxidizing agents
 - Phosphorous oxychloride
- **10.6 Hazardous decomposition products:**
 - No dangerous decomposition products known.
 - Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
 - **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

67-64-1 acetone		
Oral	LD50	5,800 mg/kg (rat)
Dermal	LD50	>7,426 mg/kg (rabbit)
Inhalative	LC50/ 3 h	132 mg/L (rat)
646-06-0 1,3-dioxolane		
Oral	LD50	3,000 mg/kg (rat)
Dermal	LD50	8,480 mg/kg (rabbit)
Inhalative	LC50/4 h	20,650 mg/L (rat)
109-87-5 dimethoxymethane		
Oral	LD50	5,708 mg/kg (rabbit)
Inhalative	LC50/7 h	57 mg/L (rat)

- **Primary irritant effect:**
 - **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
 - **Serious eye damage/irritation** Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** May damage fertility or the unborn child.
- **STOT-single exposure** May cause drowsiness or dizziness.

(Contd. on page 8)

Trade name: 8310A

(Contd. of page 7)

- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **Summary of Effects and Symptoms by Routes of Exposure**
 - **Eyes:**
 - irritation
 - redness
 - blurred vision
 - eye damage, pain
 - **Skin:**
 - redness
 - dry skin
 - **Inhalation:**
 - sore throat
 - cough
 - headache
 - unconsciousness
 - drowsiness
 - dizziness or drowsiness
 - **Swallowed:**
 - nausea
 - abdominal pain
 - vomiting
 - weakness
 - **Subacute to chronic toxicity:**
 - **Delayed and immediate effects as well as chronic effects from short and long-term exposure**
Prolonged or repeated exposure may defat skin and cause skin dryness and cracking, and local redness and discomfort.

· **11.2 Information on other hazards**

· Endocrine disrupting properties
None of the ingredients is listed.

SECTION 12: Ecological information

· **12.1 Toxicity**

· Aquatic toxicity:
67-64-1 acetone
EC50/ 48 h 13,500 mg/L (daphnia)
LC50 96h 5,540 mg/L (trout)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
 - **PBT:** Not applicable
 - **vPvB:** Not applicable

(Contd. on page 9)

Safety data sheet

according to UK REACH

Trade name: 8310A

(Contd. of page 8)

· **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**

· **Additional ecological information:**

· **General notes:**

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation** This material and its container must be disposed of as hazardous waste.

· **European waste catalogue**

HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP10	Toxic for reproduction

· **Uncleaned packaging:**

· **Recommendation:**

Containers may still present a chemical hazard/ danger when empty.

Dispose of contents in accordance with all local, regional, national, and international regulations.

Where possible retain label warnings and SDS and observe all notices pertaining to the product.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· **14.1 UN number or ID number**

· **ADR, IMDG, IATA**

UN1993

· **14.2 UN proper shipping name**

· **ADR, IMDG**

FLAMMABLE LIQUID, N.O.S. (acetone, 1,3-dioxolane, dimethoxymethane)

· **IATA**

Flammable liquid, n.o.s. (acetone, 1,3-dioxolane, dimethoxymethane)

· **14.3 Transport hazard class(es)**

· **ADR, IMDG, IATA**



· **Class**

3 Flammable liquids.

· **Label**

3

(Contd. on page 10)

Safety data sheet
according to UK REACH

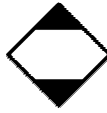
Printing date 02.04.2026

Version number 5.00 (replaces version 4.02)

Revision: 08.09.2024

Trade name: 8310A

(Contd. of page 9)

· 14.4 Packing group · ADR, IMDG, IATA	II								
· 14.5 Environmental hazards:	Not applicable								
· 14.6 Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Stowage Category	Not applicable 33 F-E,S-E B								
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable								
<p>· Transport/Additional information:</p>  Limited Quantity 8310A-55ML, 8310A-225ML, 8310A-850ML									
<p>· ADR</p> <table> <tr> <td>· Limited quantities (LQ)</td> <td>1L</td> </tr> <tr> <td>· Excepted quantities (EQ)</td> <td>Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml</td> </tr> <tr> <td>· Transport category</td> <td>2</td> </tr> <tr> <td>· Tunnel restriction code</td> <td>D/E</td> </tr> </table>		· Limited quantities (LQ)	1L	· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml	· Transport category	2	· Tunnel restriction code	D/E
· Limited quantities (LQ)	1L								
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml								
· Transport category	2								
· Tunnel restriction code	D/E								
<p>· IMDG</p> <table> <tr> <td>· Limited quantities (LQ)</td> <td>1L</td> </tr> <tr> <td>· Excepted quantities (EQ)</td> <td>Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml</td> </tr> </table>		· Limited quantities (LQ)	1L	· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml				
· Limited quantities (LQ)	1L								
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml								
· UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S. (ACETONE, 1,3-DIOXOLANE, DIMETHOXYMETHANE), 3, II								

SECTION 15: Regulatory information

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

· Poisons Act

· Regulated explosives precursors (Part 1)
None of the ingredients is listed.
· Regulated poisons (Part 2)
None of the ingredients is listed.

(Contd. on page 11)

Safety data sheet

according to UK REACH

Page 11/12

Printing date 02.04.2026

Version number 5.00 (replaces version 4.02)

Revision: 08.09.2024

Trade name: 8310A

(Contd. of page 10)

· Reportable explosives precursors (Part 3)	
67-64-1 acetone	Listed

· Reportable poisons (Part 4)	
None of the ingredients is listed.	

· **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P5c FLAMMABLE LIQUIDS**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II	
None of the ingredients is listed.	

· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))	
None of the ingredients is listed.	

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS	
67-64-1 acetone	

· Regulation (EC) No 273/2004 on drug precursors	
67-64-1 acetone	3

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors	
67-64-1 acetone	3

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· **Relevant phrases**

- H225 Highly flammable liquid and vapour.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H360 May damage fertility or the unborn child.
- EUH066 Repeated exposure may cause skin dryness or cracking.

· Classification according to Regulation (EC) No 1272/2008	
Flammable liquids	On basis of test data
Serious eye damage/irritation Reproductive toxicity Specific target organ toxicity (single exposure)	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

- **Department issuing SDS:** Regulatory department

(Contd. on page 12)

GB

Safety data sheet

according to UK REACH

Page 12/12

Printing date 02.04.2026

Version number 5.00 (replaces version 4.02)

Revision: 08.09.2024

Trade name: 8310A

(Contd. of page 11)

- **Contact:** sds@mgchemicals.com
- **Date of previous version:** 15.12.2023
- **Version number of previous version:** 4.02

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Flam. Liq. 2: Flammable liquids – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Repr. 1B: Reproductive toxicity – Category 1B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

—GB—