

Resin 8263 Component A

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name Resin 8263 Component A
Product code 715003100
Trade Name 8263 A

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

Identified Use(s) Industrial/professional.
Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Company Identification Scott AM Limited
Address of Supplier Sutherland Works
Beaufort Road
Longton
Stoke on Trent
Staffordshire
United Kingdom
Postal code ST3 1RH
Telephone: +44 (0) 1782 367 625
Fax -
E-mail info@scott-am.com
Office hours 09:00 - 17:00

1.4 Emergency telephone number

Emergency Phone No. +44 (0) 7908 872524
Contact Matthew Scott

National response centre
Address NHS Direct
Emergency Phone No. +44 111

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567 Acute Tox. 4 :Harmful if swallowed.
Muta. 1B :May cause genetic defects.
Carc. 1B :May cause cancer.

2.2 Label elements

According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567
Product Name Resin 8263 Component A

Hazard Pictogram(s)



GHS08



GHS07

Signal Word(s) Danger

Hazard Statement(s) H302: Harmful if swallowed.

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H340: May cause genetic defects.

H350: May cause cancer.

Precautionary Statement(s)

P202: Do not handle until all safety precautions have been read and understood.

P264: Wash hands and exposed skin thoroughly after handling.

P280: Wear protective gloves/eye protection.

P301+P312: IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.

P308+P313: IF exposed or concerned: Get medical advice/attention.

P501: Dispose of contents in accordance with local, state or national legislation.

2.3 Other hazards

Obtain, read and follow all safety instructions before use.

Not classified as PBT or vPvB. Endocrine disrupting properties: Not identified.

2.4 Additional Information

For full text of H/P Statements, see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%	Hazard Statement(s)	Hazard Pictogram(s)
Propylidyntrimethanol, ethoxylated	50586-59-9	500-110-3	30-60%	Not classified	None
Tris(2-chloro-1-methylethyl) phosphate	13674-84-5	237-158-7	20-50%	Acute Tox. 4 H302	GHS07
2,2-bis(bromomethyl) propane-1,3-diol	3296-90-0	221-967-7	5-25%	Muta. 1B H340 Carc. 1B H350	GHS08

For full text of H/P Statements: see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, give oxygen.

Skin Contact IF exposed or concerned: Get medical advice/attention. Wash affected skin with soap and water.

Eye Contact If substance has got into the eyes, immediately wash out with plenty of water for several minutes. Get medical attention if eye irritation develops or persists.

Ingestion If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Rinse mouth with water (do not swallow).

4.2 Most important symptoms and effects, both acute and delayed

May cause cancer. May cause heritable genetic damage.

4.3 Indication of any immediate medical attention and special treatment needed

IF exposed or concerned: Get medical advice/attention. Treat symptomatically.

Resin 8263 Component A**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**

Suitable Extinguishing media As appropriate for surrounding fire.
Unsuitable extinguishing media Do not use water jet.

5.2 Special hazards arising from the substance or mixture

May decompose in a fire giving off toxic fumes.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Water spray should be used to cool containers. Avoid run off to waterways and sewers.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Ensure suitable personal protection during removal of spillages. Avoid inhalation of vapours. When using do not smoke, eat or drink.

6.2 Environmental precautions

Do not discharge into drains or the environment, dispose to an authorised waste collection point.

6.3 Methods and material for containment and cleaning up

Stop leak if safe to do so. Eliminate sources of ignition. Adsorb spillages onto sand, earth or any suitable adsorbent material. Collect as much as possible in clean container for reuse or disposal. Wash spill site with water and detergent.

6.4 Reference to other sections

See Also: Section 8, 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid inhalation of vapours. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/eye protection. Adequate ventilation must be used. Do not use in areas without adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Store locked up. Keep container tightly closed. Keep away from direct sunlight.

Storage life

Stable under normal conditions.

7.3 Specific end use(s)




Not known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

8.1.1 Occupational Exposure Limits No Occupational Exposure Limit assigned.

8.2 Exposure controls

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- 8.2.1. Appropriate engineering controls Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures.
- 8.2.2. Personal protection equipment
-  Eye Protection Wear eye protection with side protection (EN166).
-  Skin protection Wear protective clothing and gloves: Impervious gloves (EN 374). Check with protective equipment manufacturer's data. Gloves should be changed if excessive exposure has occurred.
-  Respiratory protection In case of inadequate ventilation, wear respiratory protection. A suitable mask with filter type A may be appropriate.
- 8.2.3. Environmental Exposure Controls Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid. Colour: Pale yellow.
Odour	Almost odourless.
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	< -10°C
Initial boiling point and boiling range	Not known.
Flash Point	206°C
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	1.30 @ 25°C
Solubility(ies)	Solubility (Water) : Not known. Solubility (Other) : Soluble in aromatic hydrocarbons, halogenated solvents and ketones. Alcohols .
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	1000 mPa.s @ 25°C
Explosive properties	Not known.
Oxidising properties	Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions. Reacts with active hydrogen compounds such as water, alcohol and amine and generates heat. If mixed with water, carbon dioxide is generated

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which may cause containers to rupture or explode. Contact with basic substances or organic metallic compounds, may generate heat due to polymerization.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Avoid contact with heat and ignition sources.

10.5 Incompatible materials

Avoid contact with water.

10.6 Hazardous decomposition products

Combustion may cause toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Calculation method : Harmful if swallowed. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1666.67 Propylidynetrimehanol, ethoxylated LD50 (oral,rat) mg/kg: > 5000 Tris(2-chloro-1-methylethyl) phosphate LD50 (oral,rat) mg/kg: 930-1550 2,2-bis(bromomethyl)propane-1,3-diol LD50 (oral,rat) mg/kg: > 2000
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Not classified. Propylidynetrimehanol, ethoxylated Skin corrosion/irritation : Negative. 2,2-bis(bromomethyl)propane-1,3-diol Skin corrosion/irritation : Negative.
Serious eye damage/irritation	Calculation method : Not classified. Propylidynetrimehanol, ethoxylated Serious eye damage/irritation : Negative. 2,2-bis(bromomethyl)propane-1,3-diol Serious eye damage/irritation : Negative.
Skin sensitization data	Calculation method : Not classified. Propylidynetrimehanol, ethoxylated Sensitisation (mouse, LLNA) -Negative. 2,2-bis(bromomethyl)propane-1,3-diol Sensitisation (guinea pig) - Negative
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : May cause genetic defects. Propylidynetrimehanol, ethoxylated No evidence of mutagenic effects. 2,2-bis(bromomethyl)propane-1,3-diol Mutagen, category 1B
Carcinogenicity	Calculation method : May cause cancer. 2,2-bis(bromomethyl)propane-1,3-diol Carcinogen, category 1B
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.

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Aspiration hazard
 Propylidynetrimethanol, ethoxylated
 NOAEL 1000 mg/kg bw/day (rat)
 2,2-bis(bromomethyl)propane-1,3-diol
 LOAEL 35 mg/kg bw/day (rat)
 Calculation method : Not classified.

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates
 Propylidynetrimethanol, ethoxylated
 EC50 (Daphnia magna) mg/l : >100 000 (48 hour)
 2,2-bis(bromomethyl)propane-1,3-diol
 EC50 (Daphnia magna) mg/l : >100 (48 hour)

Toxicity - Fish
 Propylidynetrimethanol, ethoxylated
 LC50 (fish) mg/l : ≥ 1000 (96 hour)
 2,2-bis(bromomethyl)propane-1,3-diol
 NOEC (Fish) mg/l : 100 (96 hour)

Toxicity - Algae
 Propylidynetrimethanol, ethoxylated
 IC50 (algae) mg/l : >1000 (72 hour)
 2,2-bis(bromomethyl)propane-1,3-diol
 IC50 (algae) mg/l : 37 (72 hour)

Toxicity - Sediment Compartment
 Not classified.

Toxicity - Terrestrial Compartment
 Not classified.

12.2 Persistence and degradability

Propylidynetrimethanol, ethoxylated
 Not readily biodegradable.
 2,2-bis(bromomethyl)propane-1,3-diol
 Not readily biodegradable.

12.3 Bioaccumulative potential

2,2-bis(bromomethyl)propane-1,3-diol
 Bioconcentration factor (BCF) : 1.1 L/kg (3mg/l)
 Bioconcentration factor (BCF) : < 4.8 L/kg (0.3 mg/l)

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

13.2 Additional Information

Curing in large quantities or under improper conditions may cause fire. Dispose of without curing and mixing with other materials.

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SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

- 14.1 UN number** Not applicable
- 14.2 UN proper shipping name** Not applicable
- 14.3 Transport hazard class(es)** Not applicable
- 14.4 Packing group** Not applicable
- 14.5 Environmental hazards** Not classified as a Marine Pollutant.
- 14.6 Special precautions for user** Not known
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not known

SECTION 15: REGULATORY INFORMATION

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

United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances of Very High Concern for
 Authorisation 2,2-bis(bromomethyl)propane-1,3-diol (BMP) (3296-90-0)

UK REACH Authorisation List (Annex XIV) list of substances subject to authorisation Not listed

UK REACH Restrictions List (Annex XVII) Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Tris(2-chloro-1-methylethyl) phosphate (13674-84-5), 2,2-bis(bromomethyl) propane-1,3-diol (3296-90-0)

UK REACH Rolling Action Plan (RAP) Not listed

The Persistent Organic Pollutants Regulations 2007 (SI 2007/3106) as amended Not listed

The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019/583) Not listed

The Prior Informed Consent (PIC) Regulations concerning the export and import of hazardous chemicals SI2008/2108 as amended Not listed

European Regulations - Authorisations and/or Restrictions On Use Community Rolling Action Plan (CoRAP) Not listed

15.2 Chemical Safety Assessment

United Kingdom A REACH chemical safety assessment has not been carried out.

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SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)



GHS08



GHS07

Hazard classification

Acute Tox. 4 : Acute toxicity, Category 4
 Muta. 1B : Germ cell mutagenicity, Category 1B
 Carc. 1B : Carcinogenicity, Category 1B

Hazard Statement(s)

H302: Harmful if swallowed.
 H340: May cause genetic defects.
 H350: May cause cancer.

Precautionary Statement(s)

P201: Obtain special instructions before use.
 P202: Do not handle until all safety precautions have been read and understood.
 P264: Wash hands and exposed skin thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product.
 P280: Wear protective gloves/eye protection.
 P301+P312: IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.
 P308+P313: IF exposed or concerned: Get medical advice/attention.
 P330: Rinse mouth.
 P405: Store locked up.
 P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ATE : Acute Toxicity Estimate
 CAS : Chemical Abstracts Service
 DNEL : Derived No Effect Level
 EC : European Community
 EINECS : European Inventory of Existing Commercial Chemical Substances
 LTEL : Long term exposure limit
 PBT : Persistent, Bioaccumulative and Toxic
 PNEC : Predicted No Effect Concentration
 REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
 STEL : Short term exposure limit
 STOT : Specific Target Organ Toxicity
 vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

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