

**Safety data sheet**  
according to UK REACH

Printing date 09.04.2025

Version number 4 (replaces version 3)

Revision: 09.04.2025

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**Trade name **IG ACRYL COMP S**

Article number: 6877

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

No further relevant information available.

**Application of the substance / the mixture** Curing agent/ cross-linker/ Vulcanising agent**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Remmers GmbH

Bernhard-Remmers-Str. 13  
D-49624 Lönningen / Germany

Tel.: +49(0)5432/83-0

Fax: +49(0)5432/3985

Remmers (UK) Limited  
Suites 1 & 2 · The Gardens · Coleshill Manor Office Campus  
South Drive · Coleshill · Birmingham · B46 1DL

fon +44 (0) 333 034 8126

**Information department:**

fon +44 (0) 333 034 8126

Email: remmers.sales.uk@remmers.com

**1.4 Emergency telephone number:**

National Poisons Information Service (NPIS):

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

24h-Transport Emergency Contact Phone Number:

within USA and Canada: 1-800-424-9300

outside USA and Canada: 001-703-527-3887

**\* SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Ox. Sol. 3 H272 May intensify fire; oxidiser.

Acute Tox. 4 H302 Harmful if swallowed.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335 May cause respiratory irritation.

**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**

GHS03 GHS07 GHS08

**Signal word** Danger**Hazard-determining components of labelling:**

disodium peroxodisulphate

(Contd. on page 2)

# Safety data sheet

## according to UK REACH

Printing date 09.04.2025

Version number 4 (replaces version 3)

Revision: 09.04.2025

### Trade name **IG ACRYL COMP S**

(Contd. of page 1)

#### Hazard statements

H272 May intensify fire; oxidiser.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

#### Precautionary statements

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

P220 Keep away from clothing and other combustible materials.

P261 Avoid breathing vapours.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

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

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

P378 Use fire-extinguishing powder to extinguish.

P378 Use sand to extinguish.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

#### 2.3 Other hazards

#### Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Description: Mixture of the substances listed below with harmless additions.

Dangerous components [% w/w]:		
CAS: 7775-27-1	disodium peroxodisulphate	≥70-≤85%
EINECS: 231-892-1	Ox. Sol. 2, H272; Resp. Sens. 1, H334; Acute Tox. 4,	
Reg.nr.: 01-2119495975-15-XXXX	H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	

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

##### General information

If symptoms occur or in case of doubt, seek medical attention. In case of unconsciousness, do not administer anything orally.

Seek immediate medical advice

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

##### After inhalation

Supply fresh air and call for doctor for safety reasons.

In case of unconsciousness bring patient into stable side position for transport.

##### After skin contact

Remove contaminated clothing.

Do not use solvents or thinners!

Wash immediately with water and soap and rinse thoroughly.

##### After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing Call a doctor immediately.

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

No further relevant information available.

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

No further relevant information available.

(Contd. on page 3)

# Safety data sheet

## according to UK REACH

Printing date 09.04.2025

Version number 4 (replaces version 3)

Revision: 09.04.2025

Trade name **IG ACRYL COMP S**

(Contd. of page 2)

### \* SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing agents

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Extinguishing powder. Do not use water.

Sand. Do not use water.

**For safety reasons unsuitable extinguishing agents** Water.

#### 5.2 Special hazards arising from the substance or mixture

Thick black smoke forms in fires. Inhalation of dangerous decomposition products may cause serious damage to your health.

#### 5.3 Advice for firefighters

**Protective equipment:** Wear self-contained breathing apparatus.

**Additional information** Cool endangered containers with water spray jet.

### \* SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Do not breathe fumes/aerosol

**6.2 Environmental precautions:** Do not allow to enter sewage system, surface or ground water.

#### 6.3 Methods and material for containment and cleaning up:

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

#### 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 information on disposal.

### \* SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Ensure good ventilation/exhaust in workplaces.

#### Information about protection against explosions and fires:

Substance/product is oxidising when dry.

#### 7.2 Conditions for safe storage, including any incompatibilities

##### Storage

**Requirements to be met by storerooms and containers:** No special requirements.

##### Information on storage in a common storage facility:

Keep away from highly acidic and alkaline materials as well as oxidizing agents.

##### Further information about storage conditions:

Do not store under 5°C.

Do not store above +30 °C.

Keep container tightly closed.

### \* SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with limit values that have to be monitored at the workplace.

**Additional information:** The lists that were valid during compilation were used as a basis.

#### 8.2 Exposure controls

**Appropriate engineering controls** No further data; see section 7.

##### Individual protection measures, such as personal protective equipment

##### General protective and hygienic measures

Keep away from food, beverages and animal feed.

Immediately remove soiled, saturated clothing.

Wash hands before pauses and after work.

Do not inhale gases / vapours / aerosols.

(Contd. on page 4)

# Safety data sheet

## according to UK REACH

Printing date 09.04.2025

Version number 4 (replaces version 3)

Revision: 09.04.2025

### Trade name **IG ACRYL COMP S**

(Contd. of page 3)

Avoid contact with eyes and skin.

The following indication regarding the personal protective equipment are to be considered as suggestions. The selection of the necessary personal protective equipment is to be evaluated by the employer depending on the types of operations and the local circumstances. If a risk assessment on-site shows that there is no risk for employees, the personal protective equipment is not required or the amount of the PPE can be adapted accordingly.

#### **Respiratory equipment:**

In case of brief exposure or low pollution load, use respiratory protection equipment with filter. In case of intensive or longer exposure, use self-contained respiratory protection equipment.

#### **Hand protection**

Protective gloves.

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**

Nitrile rubber, NBR

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 determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

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

#### **Eye/face protection**

if there is a risk of splashes

Tightly sealed safety glasses.

**Body protection:** Protective work clothing.

#### **Environmental exposure controls**

Use suitable containers to avoid contamination of the environment. Prevent from entering the sewage system or into surface and ground water. Information on limiting and monitoring environmental exposure can be found in section 6.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

<b>Physical state</b>	Solid.
<b>Colour:</b>	White
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Not determined
<b>Boiling point or initial boiling point and boiling range</b>	Not determined
<b>Flammability</b>	Not determined.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	Not applicable
<b>Auto-ignition temperature:</b>	not applicable
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not applicable.
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not applicable.
<b>dynamic:</b>	Not applicable.
<b>Solubility</b>	
<b>Water:</b>	Soluble
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not applicable.

(Contd. on page 5)

# Safety data sheet

## according to UK REACH

Printing date 09.04.2025

Version number 4 (replaces version 3)

Revision: 09.04.2025

Trade name **IG ACRYL COMP S**

(Contd. of page 4)

<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	2.59 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not applicable.
<b>Particle characteristics</b>	
See section 3.	
<b>9.2 Other information</b>	
<b>Appearance:</b>	
<b>Form:</b>	Solid.
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Explosive properties:</b>	Product is not explosive.
<b>Solvent separation test</b>	
<b>Organic solvents:</b>	0.0 %
<b>VOC EU</b>	
<b>Solid content:</b>	100.0 %
<b>Change in condition</b>	
<b>Evaporation rate</b>	Not applicable.
<b>Information with regard to physical hazard classes</b>	
<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	May intensify fire; oxidiser.
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

#### 10.2 Chemical stability

**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** Reacts with acids, alkalis and oxidising agents

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

#### 10.6 Hazardous decomposition products:

At high temperatures, the following may occur:

Carbon monoxide and carbon dioxide

Nitrogen oxides (NO<sub>x</sub>)

### SECTION 11: Toxicological information

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

**Acute toxicity:** Harmful if swallowed.

(Contd. on page 6)

# Safety data sheet

## according to UK REACH

Printing date 09.04.2025

Version number 4 (replaces version 3)

Revision: 09.04.2025

Trade name **IG ACRYL COMP S**

(Contd. of page 5)

<b>LD/LC50 values that are relevant for classification:</b>		
<b>CAS: 7775-27-1 disodium peroxodisulphate</b>		
Oral	LD50	920 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rat)
Inhalative	LC50/4 h	>5.1 mg/l (rat)

**Skin corrosion/irritation:** Causes skin irritation.**Serious eye damage/irritation:** Causes serious eye irritation.**Sensitisation:**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

**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:** Based on available data, the classification criteria are not met.**STOT-single exposure:** May cause respiratory irritation.**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.**11.2 Information on other hazards**

<b>Endocrine disrupting properties</b>
None of the ingredients is listed.

\* **SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:** No further relevant information available.**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.**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects** No further relevant information available.**Additional ecological information:****General notes:** Do not allow product to reach ground water, bodies of water or sewage system.\* **SECTION 13: Disposal considerations****Recommendation**

Do not dispose of together with household garbage. Do not allow product to reach sewage system.

Must be specially treated in compliance with official regulations.

The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.

<b>European waste catalogue</b>	
16 03 03*	inorganic wastes containing hazardous substances

**Uncleaned packaging:****Recommendation:**

Disposal must be made according to official regulations.

Packaging can be reused or recycled after cleaning.

**Recommended cleaning agent:** Water, if necessary with cleaning agent.\* **SECTION 14: Transport information**

<b>14.1 UN number or ID number</b> ADR, IMDG, IATA	UN1505
<b>14.2 UN proper shipping name</b> ADR	1505 SODIUM PERSULPHATE

(Contd. on page 7)

# Safety data sheet

according to UK REACH

Printing date 09.04.2025

Version number 4 (replaces version 3)

Revision: 09.04.2025

Trade name **IG ACRYL COMP S**

(Contd. of page 6)

<b>IMDG, IATA</b>	<b>SODIUM PERSULPHATE</b>
<b>14.3 Transport hazard class(es)</b>	
<b>ADR</b>	
<b>Class</b>	5.1 (O2) Oxidising substances.
<b>Label</b>	5.1
<hr/>	
<b>IMDG, IATA</b>	
<b>Class</b>	5.1 Oxidising substances.
<b>Label</b>	5.1
<b>14.4 Packing group</b>	
<b>ADR, IMDG, IATA</b>	III
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Warning: Oxidising substances.
<b>hazard identification number:</b>	50
<b>EMS Number:</b>	F-A,S-Q
<b>Stowage Category</b>	A
<b>Segregation Code</b>	SG39 Stow "separated from" SGG2-ammonium compounds other than AMMONIUM PERSULPHATE (UN 1444). SG49 Stow "separated from" SGG6-cyanides
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	
	Not applicable.
<b>Transport/Additional information:</b>	
<b>ADR</b>	
<b>Limited quantities (LQ)</b>	5 kg
<b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
<b>Transport category</b>	3
<b>Tunnel restriction code</b>	E
<hr/>	
<b>IMDG</b>	
<b>Remarks:</b>	No subject to the regulations of the IMDG when transported in the original container/carton according to chapter 3.4 (transport in limited quantities).
<b>UN "Model Regulation":</b>	UN 1505 SODIUM PERSULPHATE, 5.1, III

## SECTION 15: Regulatory information

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

**Poisons Act**

**Regulated explosives precursors**

None of the ingredients is listed.

**Regulated poisons**

None of the ingredients is listed.

(Contd. on page 8)

# Safety data sheet

## according to UK REACH

Printing date 09.04.2025

Version number 4 (replaces version 3)

Revision: 09.04.2025

Trade name **IG ACRYL COMP S**

(Contd. of page 7)

<b>Reportable explosives precursors</b>
None of the ingredients is listed.

<b>Reportable poisons</b>
None of the ingredients is listed.

**Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.**Seveso category** P8 OXIDISING LIQUIDS AND SOLIDS**Qualifying quantity (tonnes) for the application of lower-tier requirements** 50 t**Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t

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

**REGULATION (EU) 2019/1148**

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

<b>Annex II - REPORTABLE EXPLOSIVES PRECURSORS</b>
None of the ingredients is listed.

**National regulations****Information on employment restrictions:**

Employment restrictions concerning pregnant and nursing women must be observed.

Employment restrictions concerning young persons must be observed.

**Other regulations, limitations and prohibition ordinances**

Professional Association Principles/Industrial Medicine regulations, e.g. principles of industrial medicine Occupational Safety Regulations.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.\* **SECTION 16: Other information**

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship. Delivery specifications are found in the respective Technical Information Sheets.

**Relevant phrases**

H272 May intensify fire; oxidiser.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

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

Calculation method

On basis of test data

Oxidizing solids	On basis of test data
Acute toxicity - oral Skin corrosion/irritation Serious eye damage/irritation Respiratory sensitisation Skin sensitisation 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 data specification sheet:** Product Safety department / EHS**Date of previous version:** 12.12.2022**Version number of previous version:** 3**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

(Contd. on page 9)

**Safety data sheet**  
according to UK REACH

Printing date 09.04.2025

Version number 4 (replaces version 3)

Revision: 09.04.2025

**Trade name IG ACRYL COMP S**

(Contd. of page 8)

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Ox. Sol. 2: Oxidizing solids – Category 2

Ox. Sol. 3: Oxidizing solids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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

Resp. Sens. 1: Respiratory sensitisation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

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

**\* Data compared to the previous version altered.**

This document replaces all previous versions. The information in this safety data sheet corresponds to our current state of knowledge and complies with national and EU legislation. However, the given working conditions of the user are beyond our knowledge and control. The product must not be used for purposes other than those specified in section 1 without written authorization. The user is responsible for compliance with all necessary legal regulations. The information in this safety data sheet describes the safety requirements of our product and does not constitute a guarantee of product properties. We accept no liability for errors in the printed form.