

## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY / UNDERTAKING

#### 1.1 Product identifier

Jolly Gel

#### 1.2 Relevant identified uses of the mixture and uses advised against

Swimming pool water clarifier and filter aid, for consumer, commercial and industrial use

#### 1.3 Details of the supplier of the Safety Data Sheet

##### Manufacturer

Mineral Supplies International Ltd.  
Horsted Keynes, Sussex, RH17 7AR, United Kingdom  
Telephone: +44(0)1825 790524

##### Responsible person

Email: sales@mineralsi.com

##### Emergency telephone number:

+44(0)1825 790524

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

**Not considered as hazardous mixture.**

#### 2.2 Label elements

**Hazard statements:** No hazard statements

**Precautionary statements:** No precautionary statements

#### 2.3 Other hazards

Contact with skin: May cause irritation

Contact with eyes: May cause redness and irritation

Results of PBT and vPvB assessment: Not a PBT according to Annex XIII of the REACH Regulation.

Endocrine disrupting properties: Based on available data, it does not contain endocrine disruptors.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 Substances

Not applicable

#### 3.2 Mixtures

Description: Polydadmac / polyacrylamide blend

Description	CAS No.	EC no. / ECHA List No.	Concentration (%)	Classification according to Regulation (EC) No 1272/2008 (CLP)		
				Pictogram, signal word code(s)	Hazard class and category code(s)	Hazard statement code(s)
Polydiallyldimethyl ammonium chloride	26062-79-3	607-855-4	Trade secret	-	Not classified	-
Polyacrylamide	9003-05-8	618-350-3	Trade secret	-	Not classified	-
Inert ingredients	-	-	Trade secret	-	Not classified	-

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

#### INGESTION

Measures: Rinse mouth. Do not induce vomiting. Seek medical attention or advice if you feel unwell.

#### INHALATION

Measures: Inhalation is unlikely to occur. Remove patient to fresh air.

#### SKIN CONTACT

Measures: Gently wash with plenty of soap and water. If skin irritation occurs seek medical attention or advice.

#### EYE CONTACT

Measures: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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

Contact with skin: May cause irritation.

Contact with eyes: May cause redness and irritation.

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

No special treatment needed; treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media:** Choose extinguishing media depending on surrounding fire.

**Unsuitable extinguishing media:** No data available.

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

This product is not flammable.

### 5.3 Advice for firefighters:

Wear full protective clothing and self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

**For non-emergency personnel:** Allow only well-trained experts wearing suitable protective clothing to abide in the field of accident.

**For emergency responders:** Spillage causes slippery surface. Wear protective clothing as per Section 8.

### 6.2 Environmental precautions

Dispose of the spillage and the resulting waste according to the applicable environmental regulations. Do not allow the product and the resulting waste to enter sewers/soil/surface or ground water. Notify the respective authorities in accordance with local law in the case of environmental pollution immediately.

### 6.3 Methods and material for containment and clean-up

Collect as much as possible in clean container for reuse or disposal. Flush spill area with copious amounts of water.

### 6.4 References to other sections

For further and detailed information see Sections 7, 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Observe conventional hygiene precautions.

**Technical measures:** Ensure adequate ventilation.

**Precautions against fire and explosion:** No special measures required.

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

**Technical measures and storage condition:** Store in a well-ventilated place.

**Incompatible materials:** See Section 10.5

**Packaging material:** No special prescriptions.

- 7.3 Specific end use(s):**  
No specific instructions available

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**Occupational exposure limit values** (Commission Directive (EC) No 2000/39 of 8 June 2000):

The components of the mixture are not regulated with exposure limit value.

DNEL values		Oral exposure		Dermal exposure		Inhalation exposure	
		Short term (acute)	Long term (chronic)	Short term (acute)	Long term (chronic)	Short term (acute)	Long term (chronic)
Consumer	Local	No data	No data	No data	No data	No data	No data
	Systemic	No data	No data	No data	No data	No data	No data
Worker	Local	No data	No data	No data	No data	No data	No data
	Systemic	No data	No data	No data	No data	No data	No data

PNEC values		
Compartment	Value	Note(s)
Freshwater	No data	No notes
Marine water	No data	No notes
Freshwater sediment	No data	No notes
Marine water sediment	No data	No notes
Sewage Treatment Plants (STP)	No data	No notes
Intermittent release	No data	No notes
Secondary poisoning	No data	No notes
Soil	No data	No notes

### 8.2 Exposure controls

In case of a hazardous material with no controlled concentration limit it is the employer's duty to keep concentration levels down to a minimum achievable by existing scientific and technological means, where the hazardous substance poses no harm to workers.

#### 8.2.1 Appropriate engineering controls

In pursuance of work is proper foresight needed to avoid spilling onto clothes and floors and to avoid contact with eyes and skin. No special ventilation is required if the product is used per the instructions.

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

The information regarding personal protective equipment is only for informative purposes. A complete risk assessment is required before the use of the product for the determination of the appropriate personal protective equipment, taking local circumstances into account.

1. Eye/face protection: Use appropriate eye/face protection (EN 166).
2. Skin protection:
  - a. Hand protection: Use appropriate protective gloves (EN 374).
  - b. Other: No special instruction.
  - c. Respiratory protection: No special instruction.
  - d. Thermal hazards: No thermal hazards known.

#### 8.2.3 Environmental exposure controls:

No specific prescription.

The requirements detailed in Section 8 assume skilled work under normal conditions and usage of the product for appropriate aims. If conditions differ from normal or work is carried out under extreme conditions, an expert's advice is necessary before deciding upon further protective measures.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Parameter	Value/ Test method/ Remarks
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1. Physical state	solid, gel
2. Colour	various colours
3. Odour, odour threshold	none to very slight odour
4. Melting point/freezing point	no data*
5. Boiling point or initial boiling point and boiling range	>100 °C
6. Flammability	non-combustible solid
7. Lower and upper explosion limit	no data*
8. Flash point	no data*
9. Auto-ignition temperature	not applicable
10. Decomposition temperature	no data*
11. pH	no data*
12. Kinematic viscosity	no data*
13. Solubility in water in other solvents	completely soluble fat solubility: not applicable
14. Partition coefficient n-octanol/water (log value)	no data*
15. Vapour pressure	not applicable
16. Density and/or relative density	1-1.05 (water= 1)
17. Relative vapour density	not applicable
18. Particle characteristics	no data*

## 9.2 **Other information**

### 9.2.1 **Information with regard to physical hazard classes**

Explosive properties: non-explosive.

### 9.2.2 **Other safety characteristics**

No other characteristics available

\*: The manufacturer did not carry out any tests on this parameter for the product or the results of the tests are not available at the time of publication of the data sheet, or the property is not applicable for the product.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 **Reactivity**

No reactivity known.

### 10.2 **Chemical stability**

Stable under normal conditions.

No decomposition if stored according to the prescriptions.

### 10.3 **Possibility of hazardous reactions**

No hazardous reactions known.

### 10.4 **Conditions to avoid**

No conditions to avoid known.

### 10.5 **Incompatible materials**

Oxidizing agents, reducing agents, alkalis (strong bases).

### 10.6 **Hazardous decomposition products**

Decomposition products may include nitrogen and carbon oxides, hydrogen chloride, toxic and irritant fumes.

## 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.

**Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation:** Based on available data, the classification criteria are not met.

**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:** Based on available data, the classification criteria are not met.

**STOT-single exposure:** Based on available data, the classification criteria are not met.

**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.

#### 11.1.1 **Summaries of the information derived from the test conducted**

No data available.

#### 11.1.2 **Relevant toxicological properties**

**Acute toxicity:**

LD50 (oral, rat): >5000 mg/kg

Inhalation: Not applicable.

Contact with skin: May cause irritation.

Contact with eyes: May cause redness and irritation.  
Carcinogenicity: No evidence of carcinogenic effects.  
Teratogenicity: No evidence of reproductive effects  
Mutagenicity: No evidence of mutagenic effects.

#### 11.1.3 **Information on likely routes of exposure**

Ingestion, inhalation, skin contact, eye contact.

#### 11.1.4 **Symptoms related to the physical, chemical and toxicological characteristics**

May cause irritation.

#### 11.1.5 **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

No data available.

#### 11.1.6 **Interactive effects**

No data available.

#### 11.1.7 **Absence of specific data**

No information.

#### 11.2 **Information on other hazards**

##### **Endocrine disrupting properties**

Based on available data, it does not contain endocrine disruptors.

##### **Other information**

No data available.

## SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 **Toxicity**

The mixture is not classified as hazardous for the environment.

On available data, the mixture is not harmful to aquatic life

#### 12.2 **Persistence and degradability**

No data available.

#### 12.3 **Bioaccumulative potential**

Bioaccumulation is insignificant.

#### 12.4 **Mobility in soil**

No data available.

#### 12.5 **Results of PBT and vPvB assessment**

Not a PBT according to Annex XIII of the REACH Regulation.

#### 12.6 **Endocrine disrupting properties**

Based on available data, it does not contain endocrine disruptors.

#### 12.7 **Other adverse effects**

Presents little or no hazard to the aquatic environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 **Waste treatment methods**

Disposal according to the local regulations.

##### 13.1.1 **Information regarding the disposal of the product**

Disposal should be in accordance with local, state or national legislation.

##### **List of Waste Code:**

No waste disposal key according to the List of Waste Code (LoW code) can be determined for this product, as only the purpose of application defined by the user enables an allocation. The LoW code number can be determined after a discussion with a waste disposal specialist.

##### 13.1.2 **Information regarding the disposal of the packaging**

Dispose of in accordance with applicable regulations.

##### 13.1.3 **Physical/chemical properties that may affect waste treatment options shall be specified**

No data available.

##### 13.1.4 **Sewage disposal**

No data available.

##### 13.1.5 **Special precautions for any recommended waste treatment**

No data available

## SECTION 13: TRANSPORT INFORMATION

ADR/RID; ADN; IMDG; IATA:

Not subject to the conventions of carriage of dangerous goods

- 14.1** UN number or ID number  
No UN Number
- 14.2** UN proper shipping name  
No proper shipping name
- 14.3** Transport hazard class(es)  
No transport hazard classes
- 14.4** Packing group  
No Packing Group
- 14.5** Environmental hazards  
No relevant information available
- 14.6** Special precaution for user  
No relevant information available
- 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

**REGULATION (EC) No 1907/2006** OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive (EC) No 1999/45 and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive (EEC) No 76/769 and Commission Directives (EEC) No 91/155, (EEC) No 93/67, (EC) No 93/105 and (EC) No 2000/21.

**REGULATION (EC) No 1272/2008** OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives (EEC) No 67/548 and (EC) No 1999/45, and amending Regulation (EC) No 1907/2006.

**COMMISSION REGULATION (EU) 2020/878** of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2 Chemical safety assessment

No information

## SECTION 16: OTHER INFORMATION

**Information regarding the revision of the safety data sheet:** No information.

**Literature references / data sources:** Safety data sheet issued by the manufacturer (08. 12. 2020, English version).

**Methods used for the classification according to Regulation (EC) No 1272/2008:** Based on the calculation method carried out on the basis of the known hazards of the components, not considered as a hazardous mixture.

**Relevant hazard statements (code and full text) of Sections 2 and 3:** No relevant statements.

**Training advice:** No data available.

**Full text of the abbreviations in the safety data sheet:**

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate.

AOX: Adsorbable organic halides.

BCF: Bioconcentration factor.

BOD: Biological Oxygen Demand.

CAS number: Chemical Abstract Service number.

CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

CMR effects: Carcinogenic, mutagenic, reprotoxic effects.

COD: Chemical Oxygen Demand.

CSA: Chemical Safety Assessment.

CSR: Chemical Safety Report.

DNEL: Derived-No-Effect-Level.

ECHA: European Chemical Agency.

EC: European Community.

EC number: EINECS and ELINCS numbers (see also EINECS and ELINCS).

EEC: European Economic Community.  
EEA: European Economic Area (EU+ Iceland, Liechtenstein and Norway).  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
ELINCS: European List of Notified Chemical Substances.  
EN: European Norm.  
EU: European Union.  
EWC: European Waste Catalogue (replaced by LoW-see below).  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.  
IATA: International Air Transport Association.  
ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.  
IMDG: International Maritime Dangerous Goods.  
IMO: International Maritime Organization.  
IMSBC: International Maritime Solid Bulk Cargoes.  
IUCLID: International Uniform Chemical Information Database.  
IUPAC: International Union of Pure and Applied Chemistry.  
Kow: n-Octanol - Water Partition Coefficient.  
LC50: Lethal concentration resulting in 50 % mortality.  
LD50: Lethal dose resulting in 50 % mortality (median lethal dose).  
LoW: List of Waste.  
LOEC: Lowest Observed Effect Concentration.  
LOEL: Lowest Observed Effect Level.  
NOEC: No Observed Effect Concentration.  
NOEL: No Observed Effect Level.  
NOAEC: No Observed Adverse Effect Concentration.  
NOAEL: No Observed Adverse Effect Level.  
OECD: Organization for Economic Cooperation and Development.  
OSHA: Occupational Safety and Health Administration.  
PBT: Persistent, Bioaccumulative and Toxic.  
PNEC: Predicted No Effect Concentration.  
QSAR: Quantitative Structure Activity Relationship.  
REACH: Regulation 1907/2006/EC concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.  
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.  
SCBA: Self Contained Breathing Apparatus.  
SDS: Safety Data Sheet.  
STOT: Specific Target Organ Toxicity.  
SVHC: Substances of Very High Concern.  
UN: United Nations.  
UVCB: Chemical Substances of Unknown or Variable Composition, Complex Reaction Products and Biological Materials.  
VOC: Volatile Organic Compound.  
vPvB: very Persistent and very Bioaccumulative.

This safety data sheet had been prepared on the basis of information provided by the manufacturer/supplier and conform to the relevant regulations. The information, data and recommendations contained herein are provided in good faith, obtained from reliable sources, and believed to be true and accurate as of the date issued; however, no representation is made as to the comprehensiveness of the information. The SDS shall be used only as a guide for handling the product; in the course of handling and using the product other considerations may arise or be required. Users are cautioned to determine the appropriateness and applicability of the above information to their particular circumstances and purposes and assume all risk associated with the use of this product. It is the responsibility of the user to fully comply with local, national and international regulations concerning the use of this product.