



SAFETY DATA SHEET 30042 RED PASTE

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

1.1. Product identifier

Product name	30042 RED PASTE
Product number	61542
REACH registration notes	This product is not classified as hazardous, the information in this datasheet is given for guidance only.

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

Identified uses	Colourant
-----------------	-----------

1.3. Details of the supplier of the safety data sheet

Supplier	Univar Solutions UK Ltd Aquarius House 6 Mid Point Business Park Bradford BD3 7AY +44 1274 267300 +44 1274 267306 SDS.EMEA@univarsolutions.com
----------	---

1.4. Emergency telephone number

Emergency telephone	SGS - +32 (0)3 575 55 55 (24h)
Sds No.	61542

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2. Label elements

Hazard statements	NC Not Classified
-------------------	-------------------

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

30042 RED PASTE

ALUMINIUM HYDROXIDE			5-10%
CAS number: 21645-51-2	EC number: 244-492-7	REACH registration number: 01-2119529246-39-XXXX	
Classification Not Classified			

PONCEAU 4R LAKE			5-10%
CAS number: 12227-64-4	EC number: 235-438-3		
Classification Not Classified			

ALUMINIUM, 6-HYDROXY-5-[(4-SULFOPHENYL)AZO]-2-NAPHTHALENESULFONIC ACID COMPLEX			1-5%
CAS number: 15790-07-5	EC number: 239-888-1	REACH registration number: 01-2119954386-28-XXXX	
Classification Not Classified			

WATER			<1%
CAS number: 7732-18-5	EC number: 231-791-2		
Classification Not Classified			

The full text for all hazard statements is displayed in Section 16.

Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.
Skin contact	Remove affected person from source of contamination. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

Eye contact	May cause temporary eye irritation.
--------------------	-------------------------------------

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

Notes for the doctor	Treat symptomatically. If in doubt, get medical attention promptly.
-----------------------------	---

30042 RED PASTE

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards When heated and in case of fire, toxic vapours/gases may be formed.

Hazardous combustion products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of the following substances: Carbon.

5.3. Advice for firefighters

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. Avoid spilling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

30042 RED PASTE

ALUMINIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL No std.

Short-term exposure limit (15-minute): WEL No std.

PONCEAU 4R LAKE

Long-term exposure limit (8-hour TWA): WEL No std.

Short-term exposure limit (15-minute): WEL No std.

ALUMINIUM, 6-HYDROXY-5-[(4-SULFOPHENYL)AZO]-2-NAPHTHALENESULFONIC ACID COMPLEX

Long-term exposure limit (8-hour TWA): WEL No std.

Short-term exposure limit (15-minute): WEL No std.

WEL = Workplace Exposure Limit.

Ingredient comments

Observe any occupational exposure limits for the product or ingredients.

ALUMINIUM HYDROXIDE (CAS: 21645-51-2)

Ingredient comments

WEL = Workplace Exposure Limits

PONCEAU 4R LAKE (CAS: 12227-64-4)

Ingredient comments

WEL = Workplace Exposure Limits

ALUMINIUM, 6-HYDROXY-5-[(4-SULFOPHENYL)AZO]-2-NAPHTHALENESULFONIC ACID COMPLEX (CAS: 15790-07-5)

DNEL

Workers - Inhalation; Long term systemic effects: 1.469 mg/m³

Workers - Dermal; Long term systemic effects: 833.333 µg/kg

General population - Inhalation; Long term systemic effects: 362.319 µg/m³

General population - Dermal; Long term systemic effects: 416.667 µg/kg

General population - Oral; Long term systemic effects: 208.333 µg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination.

30042 RED PASTE

Hygiene measures	When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet. Remove contaminated clothing and protective equipment before entering eating areas. Eye wash facilities and emergency shower must be available when handling this product.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. If ventilation is inadequate, suitable respiratory protection must be worn. EN 136/140/141/145/143/149

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Paste.
Colour	Red.
Odour	Characteristic.
Odour threshold	No information available.
pH	No information available.
Melting point	No information available.
Pour Point	No information available.
Freezing Point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Other flammability	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	No information available.
Bulk density	No information available.
Solubility(ies)	No information available.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	No information available.
Explosive under the influence of a flame	No information available.

30042 RED PASTE

Oxidising properties No information available.

9.2. Other information

Other information Not available.

Refractive index No information available.

Particle size No information available.

Molecular weight No information available.

Volatility No information available.

Saturation concentration No information available.

Critical temperature No information available.

Volatile organic compound No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not known.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of the following substances: Carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation

Animal data No information available.

Serious eye damage/irritation

Serious eye damage/irritation No information available.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation No information available.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

30042 RED PASTE**Carcinogenicity****Carcinogenicity** No information available.**Reproductive toxicity****Reproductive toxicity - fertility** No information available.**Specific target organ toxicity - single exposure****STOT - single exposure** No information available.**Specific target organ toxicity - repeated exposure****STOT - repeated exposure** No information available.**Aspiration hazard****Aspiration hazard** No information available.**Inhalation** May cause respiratory irritation.**Ingestion** May cause discomfort if swallowed.**Skin contact** May be slightly irritating to skin.**Eye contact** May cause temporary eye irritation.**Toxicological information on ingredients.****ALUMINIUM HYDROXIDE****Skin corrosion/irritation****Animal data** Based on available data the classification criteria are not met.**Serious eye damage/irritation****Serious eye damage/irritation** Based on available data the classification criteria are not met.**Respiratory sensitisation****Respiratory sensitisation** Based on available data the classification criteria are not met.**Skin sensitisation****Skin sensitisation** Based on available data the classification criteria are not met.**Germ cell mutagenicity****Genotoxicity - in vitro** Based on available data the classification criteria are not met.**Carcinogenicity****Carcinogenicity** Based on available data the classification criteria are not met.**Reproductive toxicity****Reproductive toxicity - fertility** Based on available data the classification criteria are not met.**Specific target organ toxicity - single exposure****STOT - single exposure** Based on available data the classification criteria are not met.**Specific target organ toxicity - repeated exposure****STOT - repeated exposure** Based on available data the classification criteria are not met.**Aspiration hazard**

30042 RED PASTE

Aspiration hazard	Based on available data the classification criteria are not met.
Inhalation	Dust in high concentrations may irritate the respiratory system.
Ingestion	May cause discomfort if swallowed.
Skin contact	Powder may irritate skin.
Eye contact	Solid particles trapped behind the eyelid may cause abrasive damage.

PONCEAU 4R LAKE

Skin corrosion/irritation

Animal data	No information available.
--------------------	---------------------------

Serious eye damage/irritation

Serious eye damage/irritation	No information available.
--------------------------------------	---------------------------

Respiratory sensitisation

Respiratory sensitisation	No information available.
----------------------------------	---------------------------

Skin sensitisation

Skin sensitisation	No information available.
---------------------------	---------------------------

Germ cell mutagenicity

Genotoxicity - in vitro	No information available.
--------------------------------	---------------------------

Carcinogenicity

Carcinogenicity	No information available.
------------------------	---------------------------

Reproductive toxicity

Reproductive toxicity - fertility	No information available.
--	---------------------------

Specific target organ toxicity - single exposure

STOT - single exposure	No information available.
-------------------------------	---------------------------

Specific target organ toxicity - repeated exposure

STOT - repeated exposure	No information available.
---------------------------------	---------------------------

Aspiration hazard

Aspiration hazard	No information available.
--------------------------	---------------------------

Inhalation	Dust in high concentrations may irritate the respiratory system.
Ingestion	May cause discomfort if swallowed.
Skin contact	Dust may cause slight irritation.
Eye contact	May cause temporary eye irritation.

ALUMINIUM, 6-HYDROXY-5-[(4-SULFOPHENYL)AZO]-2-NAPHTHALENESULFONIC ACID COMPLEX

Acute toxicity - oral

30042 RED PASTE

Notes (oral LD₅₀)	LD ₅₀ > 2000 mg/kg, Oral, Rat
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	LD ₅₀ > 2000 mg/kg, Dermal, Rat
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC₅₀)	Not determined.
<u>Skin corrosion/irritation</u>	
Animal data	May cause skin irritation. Rabbit OECD 404
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	May cause eye irritation. Rabbit OECD 405
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	Not sensitising. Human
<u>Skin sensitisation</u>	
Skin sensitisation	Not sensitising. Human
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	No information available.
<u>Carcinogenicity</u>	
Carcinogenicity	Based on available data the classification criteria are not met.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	This substance has no evidence of toxicity to reproduction.
Reproductive toxicity - development	This substance has no evidence of toxicity to reproduction.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	Based on available data the classification criteria are not met. Not classified as a specific target organ toxicant after a single exposure.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Based on available data the classification criteria are not met. Not classified as a specific target organ toxicant after repeated exposure.
<u>Aspiration hazard</u>	
Aspiration hazard	Based on available data the classification criteria are not met.
Inhalation	Dust in high concentrations may irritate the respiratory system.
Ingestion	May cause discomfort if swallowed.
Skin contact	May cause skin irritation.
Eye contact	Solid particles trapped behind the eyelid may cause abrasive damage. May cause eye irritation.

SECTION 12: Ecological information

30042 RED PASTE

Ecotoxicity The product is not expected to be hazardous to the environment. However, large or frequent spills may have hazardous effects on the environment.

Ecological information on ingredients.

ALUMINIUM HYDROXIDE

Ecotoxicity The product is not expected to be hazardous to the environment. However, large or frequent spills may have hazardous effects on the environment.

PONCEAU 4R LAKE

Ecotoxicity The product is not expected to be hazardous to the environment. However, large or frequent spills may have hazardous effects on the environment.

ALUMINIUM, 6-HYDROXY-5-[(4-SULFOPHENYL)AZO]-2-NAPHTHALENESULFONIC ACID COMPLEX

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Ecological information on ingredients.

ALUMINIUM HYDROXIDE

Toxicity Not considered toxic to fish.

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >10000 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >10000 mg/l, Daphnia magna

PONCEAU 4R LAKE

Toxicity Not considered toxic to fish.

ALUMINIUM, 6-HYDROXY-5-[(4-SULFOPHENYL)AZO]-2-NAPHTHALENESULFONIC ACID COMPLEX

Toxicity Not considered toxic to fish.

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: > 100 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 128.230 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 200 mg/l, Algae

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Ecological information on ingredients.

ALUMINIUM HYDROXIDE

30042 RED PASTE

Persistence and degradability The product is not biodegradable.

PONCEAU 4R LAKE

Persistence and degradability There are no data on the degradability of this product.

ALUMINIUM, 6-HYDROXY-5-[(4-SULFOPHENYL)AZO]-2-NAPHTHALENESULFONIC ACID COMPLEX

Persistence and degradability The product is not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

Ecological information on ingredients.**ALUMINIUM HYDROXIDE**

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient No information available.

PONCEAU 4R LAKE

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

ALUMINIUM, 6-HYDROXY-5-[(4-SULFOPHENYL)AZO]-2-NAPHTHALENESULFONIC ACID COMPLEX

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient log Pow: 3.706

12.4. Mobility in soil

Mobility No information available.

Ecological information on ingredients.**ALUMINIUM HYDROXIDE**

Mobility The product is insoluble in water and will spread on the water surface.

PONCEAU 4R LAKE

Mobility The product is insoluble in water.

ALUMINIUM, 6-HYDROXY-5-[(4-SULFOPHENYL)AZO]-2-NAPHTHALENESULFONIC ACID COMPLEX

Mobility Soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

30042 RED PASTE

Ecological information on ingredients.

ALUMINIUM HYDROXIDE

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

PONCEAU 4R LAKE

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

ALUMINIUM, 6-HYDROXY-5-[(4-SULFOPHENYL)AZO]-2-NAPHTHALENESULFONIC ACID COMPLEX

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects None known.

Ecological information on ingredients.

ALUMINIUM HYDROXIDE

Cod 8g/g

Other adverse effects Not determined.

PONCEAU 4R LAKE

Cod 240g/g

ALUMINIUM, 6-HYDROXY-5-[(4-SULFOPHENYL)AZO]-2-NAPHTHALENESULFONIC ACID COMPLEX

Cod 317g/g

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste should be treated as controlled waste. Do not puncture or incinerate, even when empty.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

30042 RED PASTE

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

EU legislation

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) (as amended).

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 (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

30042 RED PASTE

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
 CAS: Chemical Abstracts Service.
 DNEL: Derived No Effect Level.
 IATA: International Air Transport Association.
 IMDG: International Maritime Dangerous Goods.
 Kow: Octanol-water partition coefficient.
 LC₅₀: Lethal Concentration to 50 % of a test population.
 LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
 PBT: Persistent, Bioaccumulative and Toxic substance.
 PNEC: Predicted No Effect Concentration.
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
 RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
 vPvB: Very Persistent and Very Bioaccumulative.
 IARC: International Agency for Research on Cancer.
 MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
 cATpE: Converted Acute Toxicity Point Estimate.
 BCF: Bioconcentration Factor.
 BOD: Biochemical Oxygen Demand.
 EC₅₀: 50% of maximal Effective Concentration.
 LOAEC: Lowest Observed Adverse Effect Concentration.
 LOAEL: Lowest Observed Adverse Effect Level.
 NOAEC: No Observed Adverse Effect Concentration.
 NOAEL: No Observed Adverse Effect Level.
 NOEC: No Observed Effect Concentration.
 LOEC: Lowest Observed Effect Concentration.
 DMEL: Derived Minimal Effect Level.
 EL50: Exposure Limit 50
 hPa: Hectopascal
 LL50: Lethal Loading fifty
 OECD: Organisation for Economic Co-operation and Development
 POW: Octanol-water partition coefficient
 SCBA: self-contained breathing apparatus
 STP: Sewage Treatment Plant
 VOC: Volatile Organic Compounds

Classification abbreviations and acronyms

Acute Tox. = Acute toxicity
 Aquatic Acute = Hazardous to the aquatic environment (acute)
 Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Key literature references and sources for data

Supplier's information.

Classification procedures according to Regulation (EC) 1272/2008

Not classified.: Calculation method.

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date

04/01/2021

30042 RED PASTE

Version number	1.000
SDS number	61542
SDS status	Approved.
Signature	Lisa Bland

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.