
MATERIAL SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifiers****Product name:** Formaspill Absorbent**Product number:** FNA100

- Reach Registration: this product is a mixture. See Section 3.

Brand: Solmedia Ltd**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance/mixture: Laboratory Chemical

Use advised against: All other uses

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Solmedia Ltd.
- Address of Supplier: Unit 2, Vernon Drive
Battlefield Enterprise Park
Shrewsbury
SY1 3TF
UK
- Telephone: 0844 80 80 900
- Email: labsupplies@solmedialtd.com

1.4 Emergency telephone number

Emergency Phone # +44 (0)844 80 80 900

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification under CLP:** Regulation (EC) No. 1272/2008 [CLP]

Hazard Class	Hazard Category	Target Organs	Hazard Statement
ACUTE TOX.	Category 4	Eyes	EUH031

Most important adverse effects: Highly flammable.**2.2 Label elements**

Symbols: GHS05, GHS07

Signal words: Danger

Hazard Phrases: H302 – Harmful if swallowed

H318 – Causes serious eye damage

Precautionary Phrases: P270 – Do not eat, drink or smoke when using this product

P280 – wear protective gloves/protective clothing/eye protection/face protection

P305+P351+P338 – IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

2.3 Other hazards

Other hazards: EUH031 – Contact with acids liberates toxic gas

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Hazardous ingredients Classification according to Regulation (EC) No. 1272/2008 [CLP]

			Classification (Regulation (EC) No 1272/2008 [CLP])	
Hazardous Components		Amount [%]	Hazard class/ Hazard category	Hazard Statements
Name:	Sodium metabisulphite	5-10%	ACUTE TOX. CAT. 4.	H302, H328, EUH031.
CAS NO.	7681-57-4			
EC-NO.	231-673-0			

The full text for all hazard statements are displayed in section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice. If unconscious place in recovery position and seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps. Change contaminated, saturated clothing. Do not leave affected person unattended.

After inhalation Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. In case of respiratory tract irritation, consult a physician.

In case of skin contact After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. In case of skin reactions, consult a physician.

After eye contact In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye. Remove contact lenses, if present and easy to do. Continue rinsing.

In case of ingestion If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting. Give nothing to eat or drink

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

4.4 Self-protection of the first aider

First aider: Pay attention to self-protection!

4.5 Information to physician

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

In case of fire, use alcohol resistant foam, carbon dioxide or dry chemicals or water fog.

5.2 Special hazards arising from the substance or mixture

- Decomposition products may include oxides of sulphur and carbon
- Nitrogen, ammonia or amines.

5.3 Advice for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of a fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8.
- Avoid spilling, skin and eye contact.

6.2 Environmental precautions

- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities.

6.3 Methods and materials for containment and cleaning up

- Avoid raising dust
- Sweep or shovel-up spillage and remove to a safe place
- Place in appropriate container
- Remove contaminated material to safe location for subsequent disposal
- Flush spill area with copious amounts of water

6.4 Reference to other sections

Refer to section 13 of SDS

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements:

- Avoid spilling, skin and eye contact
- Avoid raising dust
- Keep away from heat, sparks and open flames
- Provide good ventilation

7.2 Conditions for safe storage, including any incompatibilities

- Keep in original container
- Keep in a cool, dry, well ventilated area

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Sodium metabisulphite
UK EH40 WEL
Time weighted average (TWA- 8 hours) 5mg/M3
Where no specific short term exposure limit is listed, a figure three times the long-term exposures should be used.

8.2 Exposure controls

Engineering measures – Provide adequate ventilation

Personal Protective Equipment

Eye/Face Protection

Use equipment for eye protection – tested and approved under EN166.

Skin Protection

Use gloves. Gloves should meet requirements of EN374. Check breakthrough times with supplier. Gloves should be inspected before use. Change gloves frequently. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves in accordance with legislation and good laboratory practice.

Body Protection

The type of protective clothing must be selected according to concentration and the amount of the substance within the workplace.

Respiratory Equipment

No personal respiratory equipment normally required, in adequately ventilated areas, but protection against nuisance dusts must be used when the general level exceeds 10mg/m³. Where workplace limits are exceeded use a dust mask air purifying respirator.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice, wash hands before breaks and at the end of the workday.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Appearance: powder, brown
- Odour: Perceptible odour
- Odour threshold – Not available PPM
- PH: not available
- Melting Point/Range: not available
- Freezing Point/Range: not available
- Boiling Point/Range: not available
- Flashpoint: not available
- Evaporation rate: not available
- Flammability: not available
- Vapour Pressure: not available
- Vapour Density: not available
- Specific Gravity: not available
- Solubility in Water: Partly soluble in water
- Partition Coefficient (n-Octanol/Water): not available
- Autoignition Temperature: not available
- Viscosity: not available
- Explosive Properties: not available
- Oxidising Properties: not available

9.2 Other safety information

- No information available

SECTION 10: Stability and reactivity**10.1 Reactivity**

- Reacts with reducing agents
- Reacts with acids and alkalis
- Amines
- Hypochlorites

10.2 Chemical stability

- Considered stable under normal conditions and recommended use

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Avoid exposure to high temperatures or direct sunlight

10.5 Incompatible materials

- Strong Alkalis
- Strong oxidising substances
- Strong acids
- Inorganic nitrates, Organic nitrates, inorganic nitrides

10.6 Hazardous decomposition products

- Fire crates: Toxic gasses/vapours/fumes of: carbon monoxide (CO). Carbon Dioxide (CO₂)
- Decomposition products may include sulphur oxides
- Nitrogen, ammonia or Amines

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: no data available

Skin Corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation

Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals

Germ Cell mutagenicity: no data available

Carcinogenicity: no data available

Reproductive toxicity: no data available

Specific target organ toxicity- Single exposure: no data available

Aspiration Hazard: no data available

Additional information: no data available

Inhalation: breathing in dust may result in respiratory irritation. May cause respiratory sensitisation in sensitive individuals, producing asthma like symptoms.

Ingestion: can cause internal injury, nausea, vomiting, diarrhoea and abdominal pain.

Skin contact: may cause skin irritation/eczema. May cause sensitisation.

Eye Contact: Severe irritant. Can cause permanent injury.

Chronic Effects: sodium metabisulphite can cause sensitisation in the respiratory tract of allergic persons.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

Completely soluble in water

12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

12.6 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment method

Waste to be considered as controlled waste. Disposal to licenced waste contractor in accordance with local waste management.

Dispose of contents/container to an authorised waste collection point. Make sure containers are empty before disposing.

SECTION 14: Transport information

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packaging group

Not applicable

14.5 Environmental hazards

Not classified

14.6 Special precautions for user

Not classified

SECTION 15: Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006 as amended by Regulation (EU) 2015/830.

Water hazard class (WGK): strongly hazardous to water (WGK 3)

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Solmedia Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.