SAFETY DATA SHEET

NA MOLYB (SODIUM MOLYBDATE) RM

Compilation date: 23/01/2012

Revision date: 14/02/2018

Revision No: 5

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

1.1. Product identifier

Product name: NA MOLYB (SODIUM MOLYBDATE) RM

REACH registered number(s): 01-2119489495-21-XXXX

CAS number: 10102-40-6

EINECS number: 231-551-7

Product code: GB0045

Synonyms: NA MOLYB

SODIUM MOLYBDATE

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

1.3. Details of the supplier of the safety data sheet

Company name: Solufeed Limited

The Depot

Chichester Road

Sidlesham Common, Chichester

West Sussex

PO20 7PY

United Kingdom

Tel: +44(0)1243 554090

Email: enquiries@solufeed.com

1.4. Emergency telephone number

Emergency tel: +44(0)1243 554090

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

[cont...]

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: NA MOLYB (SODIUM MOLYBDATE) RM

CAS number: 10102-40-6

EINECS number: 231-551-7

REACH registered number(s): 01-2119489495-21-XXXX

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove contaminated clothing Take victim to a doctor if irritation persists

Eye contact: Promptly wash eye with plenty of water while lifting the eye lids Bathe the eye with running water for 15 minutes. Seek medical attention if any irritation or redness persists.

Ingestion: Wash out mouth with water. If you feel unwell, seek medical advice Do not induce vomiting.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. Seek medical attention if you feel unwell or if exposure prolonged

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Possible systemic effects.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Do not use high volume water jet

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of dust in the air. Avoid spilling, skin and eye contact.

Ensure there is sufficient ventilation of the area. Do not breathe vapours.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: **Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5	10	-	-

DNEL/PNEC Values

NA MOLYB (SODIUM MOLYBDATE) RM

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	23.97	Workers	Systemic
DNEL	Inhalation	7.15	General Population	Systemic
DNEL	Oral	7.3	General Population	Systemic

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

[cont...]

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Crystals

Colour: White

Odour: Odourless

Evaporation rate: No data available.

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Viscosity: No data available.

Boiling point/range°C: No data available.

Melting point/range°C: 687

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: No data available.

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: No data available.

pH: 9-10

VOC g/l: No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions. Violent reaction with: Halogens.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below. In molten state: reacts violently with (some) metals.

10.4. Conditions to avoid

Conditions to avoid: Heat. Moist air. Water

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids. Halogens.

[cont...]

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	4233	mg/kg
DERMAL	RAT	LD50	>2000	mg/kg

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Possible systemic effects.

Other information: The product has not been tested. The statements on toxicology have been derived from the properties of the individual components or from products of a similar structure and composition.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
ALGAE	72H IC50	>100	mg/l
Daphnia magna	48H EC50	330	mg/l
FISH	96H LC50	7600	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

[cont...]

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Observe all local regulations. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.