TRIMETHOPRIM

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Product Name: Trimethoprim
Product Code: CM 23359
CAS#: 738-70-5
Synonym: 2,4-Diamino-5-(3,4,5-trimethoxybenzyl)pyrimidine
Chemical Name: Not available
Chemical Formula: $C_{14}H_{18}N_4O_3$
Formula weight: 290.32

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Composition:
Name: Trimethoprim
Toxicological Data on Ingredients: Acute Tox. 3; Repr. 2; H301, H361d

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture
Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008
Potential Acute Health Effects: Not Available
Potential Chronic Health Effects: Not Available
Carcinogenic Effects: Not available
Mutagenic Effects: Not available.
Teratogenic Effects: Not available.
Developmental Toxicity: Not Available
Specific target organ toxicity - Not available

SECTION 4: FIRST AID MEASURES

Description of first aid measures
General advice Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled If breathed in: Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact Wash off with soap and plenty of water. Consult a physician.
In case of eye contact: Flush eyes with water as a precaution.
If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms and effects, both acute and delay: No data available
Indication of any immediate medical attention and special treatment needed: No data available

SECTION 5: FIRE AND EXPLOSION DATA

Extinguishing media
Suitable extinguishing media :
Water Foam Carbon dioxide (CO2) Dry powder
Special hazards arising from the substance or mixture
Carbon oxides
Nitrogen oxides (NOx)
Combustible.
Development of hazardous combustion gases or vapours possible in the event of fire.

Advice for firefighters Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
Environmental precautions Do not let product enter drains.
Methods and materials for containment and cleaning up Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling : Not available
Conditions for safe storage, including any incompatibilities
Tightly closed. Dry. Keep in a well-ventilated place. Keep locked up or in an area accessible only to qualified or authorized persons.
Recommended storage temperature 2 - 8 °C
Keep in a dry place.
Storage Class:
Not Available.
Specific end use(s) A part from the uses:
No other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls
Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Personal protective equipment
Eye/face protection Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body Protection Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form	: Powder
Colour	: White
Odour	: Not available
Odour Threshold	: Not available
pH	: Not available
Melting point/freezing point	: Melting point/range: 234 - 236 °C :
Initial boiling point and boiling range	Not available
Flash point	: Not available
Evapouration rate	: Not available

Flammability (solid, gas)	: Not available
Upper/lower flammability or explosive limits	: Not available
Vapour pressure	: Not available
Vapour density	: Not available
Relative density	: Not available
Water solubility	: Not available
Partition coefficient	: Not available
Auto-ignition temperature	: Not available

SECTION 10: STABILITY AND REACTIVITY DATA

Reactivity:Not available.
Chemical stability
The product is chemically stable under standard ambient conditions (room temperature).
Possibility of hazardous reactions Not available
Conditions to avoid : Exposure to moisture may affect product quality.
Incompatible materials: Strong oxidizing agents
Hazardous decomposition products Other decomposition products - In the event of fire

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity
LD50 Oral - Rat - 200 mg/kg
Remarks: (External MSDS)
Inhalation: No data available
Dermal: No data available
Skin corrosion/irritation
No data available
Serious eye damage/eye irritation
No data available
Respiratory or skin sensitization
No data available
Germ cell mutagenicity
No data available
Carcinogenicity
No data available
Reproductive toxicity
Suspected of damaging the unborn child.
Specific target organ toxicity - single exposure
No data available
Specific target organ toxicity - repeated exposure
No data available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:
Toxicity to daphnia and other aquatic invertebrates — LC50 - Daphnia magna (Water flea) - 141 mg/l - 48 h
Persistence and degradability:
Not Available.
Bioaccumulative potential :Not available
Mobility in soil no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available
Other adverse affects no data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

UN number:
ADR/RID: 2811 IMDG: 2811 IATA: 2811
UN proper shipping name
ADR/RID: TOXIC SOLID, ORGANIC, N.O.S. (Trimethoprim)
IMDG: TOXIC SOLID, ORGANIC, N.O.S. (Trimethoprim)
IATA: TOXIC SOLID, ORGANIC, N.O.S. (Trimethoprim)
Transport hazard class(es):
ADR/RID: 6.1 IMDG: 6.1 IATA: 6.1
Packaging group:
ADR/RID: III IMDG: III IATA: III
Environmental hazards:
ADR/RID: No IMDG Marine pollutant: No IATA: No

SECTION 15: OTHER REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Other regulations
Take note of Dir 94/33/EC on the protection of young people at work.

SECTION 16: OTHER INFORMATION

References: Full text of H AND R-Statements.
Not Available.
Special Considerations: Not available

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