

MATERIAL SAFETY DATA SHEET

Product Name: Paraformaldehyde

CAS No.: 30525-89-4

Version: 0

1. Identification

Product Code : 93012
Company Name : Advent Chembio Private Limited
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2. Hazards Identification

Hazard classification

Flammable solids : Category 2
 Acute toxicity, Oral : Category 4
 Acute toxicity, Inhalation : Category 4
 Skin irritation : Category 2
 Serious eye damage : Category 1
 Skin sensitisation : Category 1
 Carcinogenicity : Category 2
 Specific target organ toxicity - single exposure : Category 3

Labels elements

Hazard symbol



Signal word

Hazard statement

: Danger
 : Flammable solid.
 Harmful if swallowed or if inhaled
 Causes skin irritation.
 May cause an allergic skin reaction.
 Causes serious eye damage.
 May cause respiratory irritation.
 Suspected of causing cancer.

Precautionary statement

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 IF SWALLOWED: Call a POISON CENTER/doctor if you

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feel unwell.
Rinse mouth.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
In case of fire: Use dry powder or dry sand to extinguish.

Supplemental Hazard Statements : None

3. Composition/information on ingredients

Ingredient : Polyoxymethylene
CAS No. : 30525-89-4
Percent : NLT 96.0%
Formula : (CH₂O)_n
Molecular Weight : 30.03g/mol

4. First Aid Measures**Description of first aid measures**

General advice : Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin contact : Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

Eye contact : Flush eyes with water as a precaution.

Swallowed : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed : The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed Treatment : No data available

MATERIAL SAFETY DATA SHEET**Product Name:** Paraformaldehyde**CAS No.:** 30525-89-4**Version:** 0**5. Fire fighting measures****Extinguishing media**

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture : Carbon oxides

Advice for firefighters : Wear self contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions : Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material and dispose of as hazardous waste. Do not flush with water. Keep in suitable, closed containers for disposal.

7. Handling and storage

Precautions for safe handling : Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition
- No smoking. Take measures to prevent the buildup of electrostatic charge.

Conditions for safe storage, including any incompatibilities : Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Handle and store under inert gas. Moisture sensitive.

8. Exposure Controls / Personal Protection

Exposure limit : No data available

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

Respiratory protection : Air-purifying respirators

Hand protection : Handle with gloves

Eye protection : Face shield and safety glasses

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Skin and Body Protection : Complete suit protecting against chemicals

9. Physical and Chemical Properties

Appearance : White powder.
Odor : pungent
pH : 4.0 - 5.5
Melting point/freezing point : 120 - 170 °C - lit.
Initial boiling point and boiling range : No data available
Flash Point : 70 °C - closed cup
Vapor pressure : No data available
Vapor density : No data available
Relative density : 0.88 g/cm³ at 25 °C
Solubility in water : No data available
Solubility (other) : No data available

10. Stability and Reactivity

Reactivity : No data available
Chemical stability : Stable under recommended storage conditions.
Possibility of hazardous reactions : No data available
Conditions to avoid : Exposure to moisture
Incompatible materials : Brass, Steel (all types and surface treatments), Copper, Acid anhydrides, Strong oxidizing agents, Strong reducing agents
Hazardous decomposition products : Hazardous decomposition products formed under fire conditions. - Carbon oxides

11. Toxicological Information**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 sensitization : No data available
Germ cell mutagenicity : No data available
Carcinogenicity
IARC : No data available

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NTP : No data available
OSHA : No data available
Reproductive toxicity : No data available
Route of Exposure : No data available
Signs and Symptoms of Exposure : No data available

12. Ecological Information

Toxicity : No data available
Persistence and degradability : No data available
Bioaccumulative potential : No data available
Mobility in soil : No data available.
Other adverse effects : No data available.

13. Disposal consideration

Disposal instructions : Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging : Dispose of as unused product.

14. Transport Information

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
DOT	2213	PARAFORMALDEHYDE	4.1	III	No
IMDG	2213	PARAFORMALDEHYDE	4.1	III	No
IATA	2213	PARAFORMALDEHYDE	4.1	III	No

15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture
No Data Available.

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