



ARIHANT CHEMICAL CORPORATION & J.J ENTERPRISE

For paints / inks / plastic / Rubber industries Raw material available with us under self import / Manufacturing / Trading.

Safety Data Sheet :- U F Resin

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/

UNDERTAKING

1.Commercial Product Name

Urea-formaldehyde concentrate

Product code

CAS: Not applicable. Mixture.

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

1.2.1 Recommended use

Industrial use

1.3 Details of the supplier of the safety data sheet

Supplier: Manufactures

Arihant Chemical Corporation.

24/5, Krishna kunj bldg,behind arora

:Arora cinema,opp. Sahakari bhandar

Sewari wadala road,Matunga (C.R) Mumbai- 40019.

CELLULAR:-9820142066 – 9029042066

info@arihantchemcorp.com or nilesh@arihantchemcorp.com

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not classified due to inconclusive data.

2.2 Label elements

Not classified due to inconclusive data.

2.3 Other hazards

Toxic by inhalation, in contact with skin and if swallowed. Causes burns. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. Limited evidence of a carcinogenic effect. May cause sensitisation by skin contact.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

3.2.1 Hazardous components

CAS EINECS

50-00-0 200-001-8

Chemical name of the substance

Formaldehyde

Concentration Classification

25% hygroscopic Carc. Cat. 3;

Carc. 2, H351; Acute Tox. 3 ()

Acute Tox. 3 (), H301; Skin

R40;T; R23/24/25;C; R34;R43

H331; Acute Tox. 3 (), H311;

Corr, 18, H314; Skin Sens. 1, H317

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Administraction /correspondence Office :- Plot No. 319,Room No.3, Ranchoddas Terrace building ,sir Bhalchandra Road, opp Hira House, Near Chhatre Maternity Hospital, Matunga (C.R) Mumbai – 400019 Tel :- +91 22 24148378 / 24146390

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4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.2 Inhalation

Remove victim from exposure and then have him lie down in the recovery position. Get medical attention if symptoms occur.

4.1.3 Skin contact

Wash off with plenty of water. Remove and wash contaminated clothing before re-use. Obtain medical attention.

4.1.4 Eye contact

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Obtain medical attention.

4.1.5 Ingestion

Clean mouth with water and drink afterwards plenty of water. Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

no data available

4.3 Indication of immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

Combustible material. Burning produces noxious and toxic fumes. Keep away from heat and sources of ignition.

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Foam.Dry powder. Carbon dioxide (CO₂).

5.1.2 Extinguishing media which must not be used for safety reasons

no data available

5.2 Special hazards arising from the substance or mixture

Formaldehyde vapour.

5.3 Advice for firefighters

Personal protection through wearing a tightly closed chemical protection suit and a self-contained breathing apparatus. Prevent fire extinguishing water from contaminating surface water or the ground water system.

5.4 Specific methods

no data available.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

impervious clothing. Inform others to keep at a safe distance. Ensure supply of fresh air in enclosed rooms.

6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3 Methods and materials for containment and cleaning up

Clean-up methods - small spillage: Soak up with inert absorbent material. Transfer to a suitable container and arrange removal by disposal company. Wash site of spillage with water and detergent.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillage.

6.4 Reference to other sections

For personal protection see section 8.

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Smoking, eating and drinking should be prohibited in the application area. Work under fume hood. Do not inhale fumes. Avoid contact with skin and eyes. Take off all contaminated clothing immediately. Wash hands and face before breaks and immediately after handling the product. Do not empty into drains.

7.2 Conditions for safe storage, including any incompatibilities

Store at 15°C to 25°C, in a well-ventilated place. Keep well closed and protected from direct sunlight and moisture.

7.3 Specific end use(s)

In the production of carbomide-formaldehyde resin as raw material which contains formaldehyde. Also used in woodworking industry in the production of veneer and fireboards.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

no data available

8.1.2 Other information on limit values

no data available

8.1.3	8.1.4	8.1.5	8.2
8.2.1	8.2.2	8.2.2.1	

Limit values in other countries

no data available

DNELs

no data available

PNECs

no data available

Exposure controls

Appropriate engineering controls

Process enclosure or mechanical ventilation.

Individual protection measures

Respiratory protection

Wear self-contained breathing apparatus and protective suit.

8.2.2.2 Hand protection

Gloves: butyl rubber, nitrile, Viton. Gloves subject to permeation or any sign of degradation must be removed and replaced immediately.

8.2.2.3 Eye/face protection

Goggles or face-shield.

8.2.2.4 Skin protection

Plastic apron, sleeves, boots, if handling large quantities.

8.2.3 Environmental exposure controls

no data available

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Important Health Safety and Environmental Information

9.1.1 Appearance

Liquid colourless

9.1.2 Odour pungent

9.1.3 Odour threshold no data available

9.1.4 pH 6.5 - 8.5

9.1.5 Melting point/freezing point no data available

9.1.6 Initial boiling point and boiling range no data available

9.1.7 Flash point no data available

9.1.19 Explosive properties

9.1.20 Oxidising properties

9.2 Other information

Chromaticity: APHA - 10-30

Refraction index at 20 °C: 1460 -1480

9.1.8 9.1.9 9.1.10

9.1.10.1 9.1.10.2 9.1.11

9.1.12 9.1.13 9.1.14

9.1.14.1 9.1.14.2 9.1.15

9.1.16 9.1.17 9.1.18

Evaporation rate no data available

Flammability (solid, gas) no data available

Explosive properties no data available

Lower explosion limit no data available

Upper explosion limit no data available

Vapour pressure no data available

Vapour density no data available

Relative density no data available

20 °C: 1300-1325 g/cm 3

Solubility(ies)

Water solubility no data available

Fat solubility (solvent - oil to be specified) no data available

Partition coefficient: n-octanol/water no data available

Auto-ignition temperature no data available

Decomposition temperature no data available

Viscosity 70 or. < Rn

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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Narcosis, blindness.

11.1.1 Acute toxicity

Inhalation may lead to the formation of oedemas in the respiratory tract.

11.1.2 Irritation and corrosion

Severe eye irritation. Lacrimal irritation due to vapours. Irritate effect (mouth, pharynx, oesophagus, gastrointestinal tract) after ingestion. Risk of perforation in the oesophagus and stomach.

11.1.3 Sensitisation

Danger of skin absorption. Risk of sensitization.

11.1.4 Subacute, subchronic and prolonged toxicity

After long-term exposure to the chemical possible effects: nasopharyngeal cancer. Should be treated as a suspected carcinogen.

11.1.5 STOT-single exposure

no data available

11.1.6 STOT-repeated exposure

no data available

11.1.7 Aspiration hazard

no data available

11.1.8 Other information on acute toxicity

Further hazardous properties cannot be excluded. This substance should be handled with particular care.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

12.1.1 Aquatic toxicity

Toxic for aquatic organisms. Disinfectant effect.

12.1.2 Toxicity to other organisms-

12.2	12.2.1	12.3	12.4	12.5	12.6
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Persistence and degradability

Biodegradation -

Good.

Chemical degradation-

no data available

Bioaccumulative potential-

Low.

Mobility in soil-

no data available

Results of PBT and vPvB assessment-

no data available

Other adverse effects-

no data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Chemical residues are generally classified as hazardous or special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning for recycling.

13.2 Waste from residues / unused products

When recovery and recycling is not possible, incineration in a high temperature incinerator is the recommended method of disposal.

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14. TRANSPORT INFORMATION

- 14.1 UN number 2209
14.2 UN proper shipping name no data available
14.3 Transport hazard class(es) 8
14.4 Packing group III
14.5 Environmental hazards
no data available
14.6 Special precautions for users - no data available
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
no data available

15. REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
no data available
15.2 Chemical safety assessment - This information is not available.

16. OTHER INFORMATION

- 16.1 Additions, Deletions, Revisions - Version 1.0.
16.2 Key or legend to abbreviations and acronyms
- REACH - according to Regulation (EC) No. 1907/2006
- CLP - Regulation (EC) No. 1272/2008
- DSD - Classification and labelling according to Directive 67/548/EEC
16.3 Key literature references and sources for data
Safety data sheet, VWR International
16.4 Classification procedure
Not applicable.
16.5 List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R34 Causes burns.
R40 Limited evidence of a carcinogenic effect.
R43 May cause sensitization by skin contact.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H331 Toxic if inhaled.
H351 Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
16.6 Training advice

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