

Safety Data Sheet

According to Regulation (EU) No. 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 453/2010)

Version: 2.0/EN
Product name: YUNCON

Revision date: 06/10/2016
Printing date: 30/03/2022

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

1.1 Product identifier

Product name: YUNCON POM M25/N25, M60/N60, M90/N90, CM90, M120/N120, M270/N270, M350/N350, M450/N450, M90-01, CZAF0101, CZAF0301, C7341UV, C7342UV M90LE, M90BKLE, M90BK/N90BK, M270BK/N270BK, M90UV, M90UVLE M90UVBK, M270UV, M270UVBK, GF-5, GF-10, GF-15, GF-20, GF-30, ST-5, ST-10, ST-10UV, ST-10BK, ST-20, SE-20, SF-10, SP-01, SP-02, SM-02, UM-01, UM-03, C270B, ET-9D, M90EC-3BK

REACH Reg. No.: No registration number is given. Its monomer, 1,3,5-trioxan trioxymethylene, has been registered. Registration number is 01-2119487944-20-0007. Its monomer, 1,3-Dioxolane, has been registered. Registration number is 01-2119490744-29-0010.

CAS No.: 24969-26-4

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

Identified uses: Acetal copolymer resin is a kind of engineering plastics, mainly through the injection molding, extrusion, etc for preparation of parts.

Uses advised against: No information available.

1.3 Details of the supplier of the SDS

Manufacturer: CHONGQING YUNTIANHUA TIANJUXINCAI CO., LTD.
Address: HuaNan RD 3#, Economic Development zone Changshou District, Chongqing, China
Postcode: 401221
E-mail: pom@yyth.com.cn
Telephone: +86-023-40717223
Fax: +86-023-40717203

Importer:
Address:
E-mail:
Telephone:

1.4 Emergency telephone number

+86-400-118-8668

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

This product is not classified as hazardous.

Classification according to Directive 67/548/EEC[DSD] or Directive 1999/45/EC[DPD]

This product is not classified as hazardous.

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2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008[CLP]

Hazard pictogram(s): No pictogram is used.

Signal word: No signal word is used.

Hazard statement(s): No hazard statement.

Precautionary statement(s): No precautionary statement.

Supplemental Hazard information (EUH):

No information available.

Special rules for supplemental label elements for certain mixtures:

No information available.

2.3 Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1 Substance/Preparation information

Substance name: Acetal copolymer

Index No.: Not listed.

CAS No.: 24969-26-4

The monomer:	CAS No.	% (w/w)
1,3,5-trioxan trioxymethylene	110-88-3	96-98
1,3-Dioxolane	646-06-0	2-4

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes:

In all cases of doubt, or when symptoms persist, seek medical attention.

Following inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if you feel unwell.

Following skin contact:

Wash with soap and plenty of water. If skin irritation occurs: Get medical attention.

Following eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

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Following ingestion:

Rinse mouth. Never give anything through mouth to an unconscious person. Call a POISON Center or doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of the immediate medical attention and special treatment needed

No information available.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water, carbon dioxide, foam, dry powder.

Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture

Development of hazardous combustion gases or vapours possible in the event of fire.

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and chemical-protective clothing. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to SECTION 8 for personal protective equipment. Prevention of skin and eye contact. Ensure adequate ventilation. Remove all sources of ignition.

6.2 Environmental precautions

Do not discharge into drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Clean up spills immediately, using the appropriate protective equipment. Remove all sources of ignition. Provide ventilation.

6.4 Reference to other SECTIONS

See SECTION 7 for information on safe handling.

See SECTION 8 for information on personal protection equipment.

See SECTION 13 for information on disposal.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Use this material with adequate ventilation. Contaminated work clothing should not be allowed out of the workplace. Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and in a cool, well-ventilated place. Keep away from heat and ignition sources.

7.3 Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

SECTION 8 : Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

Not established.

DNEL (Derived No Effect Level) for workers and the general population:

Not available.

PNEC (Predicted No Effect Concentration) values:

Not available.

8.2 Exposure controls

Appropriate engineering controls:

Provide local exhaust or process enclosure ventilation system.

Personal protective equipment:

Eye and face protection: Wear safety glasses.

Skin protection: Wear protective gloves/clothing to prevent contact.

Respiratory protection: In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls:

Do not empty into drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Natural color / Black solid.

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Odour:	Formaldehyde odour
pH:	Not available.
Melting point:	162-169 °C
Boiling point:	Not available.
Flash point:	Not available.
Evaporation rate:	Not available.
Flammability (solid, gas):	Flammable.
Upper/lower flammability or explosive limits:	Not available.
Vapour pressure:	Not available.
Density:	1.37-1.41 g/cm ³
Solubility(ies):	Not available.
Partition coefficient: n-octanol/water:	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.
Explosive properties:	Not available.
Oxidising properties:	Not available.

9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions (see SECTION 7, handling and storage).

10.2 Chemical stability

Stable under normal conditions of use.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

Acid, alkali, strong oxidizing materials.

10.6 Hazardous decomposition products

Development of hazardous combustion gases or vapours possible in the event of fire.

SECTION 11: Toxicological information

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11.1 Information on toxicological effects

Acute toxicity (1,3,5-trioxan trioxymethylene)	Oral, LD₅₀ : Inhalation, LC₅₀: Dermal, LD₅₀:	8500 mg/kg (rat); > 39.2 mg/l/4h (rat). > 3980 mg/kg (rabbit);
Skin corrosion/irritation:		No information available.
Serious eye damage/irritation:		No information available.
Respiratory or skin sensitization:		No information available.
Germ cell mutagenicity:		No information available.
Carcinogenicity:		No information available.
Reproductive toxicity:		No information available.
STOT-single exposure:		No information available.
STOT-repeated exposure:		No information available.
Aspiration hazard:		No information available.

SECTION 12: Ecological information

12.1 Toxicity

Ecotoxicity (1,3,5-trioxan trioxymethylene)	Fish, LC₅₀: Crustacea, EC₅₀: Algae, EC₅₀:	ca. 4000 mg/L/96h (<i>Leuciscus idus</i>); > 1000 mg/L/48h (<i>Daphnia magna</i>); > 500 mg/L/72h (<i>Desmodesmus subspicatus</i>);
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12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

12.6 Other adverse effects

No information available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal must be made according to local and national regulations. Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: Transport information

14.1 UN Number

Not regulated as dangerous goods.

14.2 UN proper shipping name

Not regulated as dangerous goods.

14.3 Transport hazard class(es)

Not regulated as dangerous goods.

14.4 Packing group

Not regulated as dangerous goods.

14.5 Environmental hazards

Not marine pollutant.

14.6 Special precautions for user

No information available.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information available.

SECTION 15: Regulatory information

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

EU regulation:

Authorisations: No information available.

Restrictions on use: No information available.

EINECS: CAS# 24969-26-4 is not listed in.

DSD (67/548/EEC): CAS# 24969-26-4 is not listed in.

Other chemical regulation:

CAS No.	USA TSCA	Canada DSL	Australia AICS	Korea ECL	Japan ENCS	China IECSC
24969-26-4	Listed	Listed	Listed	Listed	Listed	Listed

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110-88-3	Listed	Listed	Listed	Listed	Listed	Listed
646-06-0	Listed	Listed	Not listed	Listed	Listed	Listed

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this product.

SECTION 16: Other information

16.1 Revision Information

Date of the previous revision: 15/11/2012

Date of this revision: 06/10/2016

Revision summary: 2.0/EN

16.2 Abbreviations and acronyms

- CLP:** EU regulation (EC) No 1272/2008 on classification, labelling and packaging of chemical substances and mixtures.
- CAS:** Chemical Abstracts Service (division of the American Chemical Society).
- EINECS:** European Inventory of Existing Commercial Chemical Substances.
- DSD:** Dangerous Substance Directive (67/548/EEC).
- TSCA:** Toxic Substances Control Act, The American chemical inventory.
- DSL:** Domestic Substances List, The Canadian chemical inventory.
- AICS:** The Australian Inventory of Chemical Substances.
- ECL:** Existing Chemicals List, the Korean chemical inventory.
- ENCS:** Japanese Existing and New Chemical Substances.
- IECSC:** Inventory of existing chemical substances in China.

16.3 Key literature references and sources for data

ECHA's public database with information on registered substances.

16.4 Relevant R-phrases/H-statements

Not applicable. This product is not classified as hazardous substance/mixture.

16.5 Training advice

Provide adequate information, instruction and training for operators.

16.6 Declare to reader

The information in this SDS is provided all the relevant data fully and truly. However, the information is provided without any warranty on their absolute extensiveness and accuracy. This SDS was prepared to provide safety preventive measures for the users who have got professional training. The personal user who obtained this SDS should make independent judgment for the applicability of this SDS under special conditions. In these special cases, we do not assume responsibility for the damage. According to REACH Article 31(5), the SDS shall be supplied in an official language of the Member State(s) where the substance or mixture is placed on the market, unless the recipient Member State(s) concerned provide otherwise. It should also be noted that this SDS is applicable to the countries with English as an official language.

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