

UNITED MUD-CHEM PVT.LTD.

MATERIAL SAFETY DATA SHEET

Trade Name: UMC – ACRYL THIN HT

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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : UMC – ACRYL THIN HT
SUPPLIER : UNITED MUD-CHEM PVT.LTD
B-304, KANAKIA ZILLION,
L.B.S. MARG, KURLA (W), Mumbai-400070.India.
Tel : + 91-22-26522060/61/62/63
Fax: + 91-22-26501231
E-mail : info@unitedmudchemicals.com

PRODUCT USE : Thinner
SYNONYMS : High Temperature Deflocculant

SECTION 2 - HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Regulation (EC) No 1272/2008
Not classified

2.2 LABEL ELEMENTS

Not classified

Hazard Pictograms

Signal word

NONE

Hazard Statements

Not Classified

Precautionary statements

None

Contains

Substances

Contains no hazardous substances in concentrations above cut-off values according to the competent authority

CAS Number

NA

2.3 OTHER HAZARDS

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

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SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 MIXTURES

Mixture

Substances	EINECS	CAS No.	PERCENT (w/w)	EU - CLP Substance Classification	REACH Reg. No
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	NA	60 - 100%	Not classified	No data available

For the full text of the H-phrases mentioned in this Section, see Section 16

SECTION 4 - FIRST AID MEASURES

4.1 FIRST AID MEASURES

INHALATION

If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

EYES

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

SKIN

Wash with soap and water. Get medical attention if irritation persists.

INGESTION

Do NOT induce vomiting. Give nothing by mouth. Obtain immediate medical attention.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No significant hazards expected.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician

Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Suitable extinguishing media

All standard fire fighting media

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Extinguishing media which must not be used for safety reasons

None known.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Special exposure hazards in a fire

Decomposition in fire may produce harmful gases.

5.3 ADVICE FOR FIREFIGHTERS

Special protective equipment for fire-fighters

Full protective clothing and approved self-contained breathing apparatus required for firefighting personnel.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use appropriate protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Ensure adequate ventilation.

See Section 8 for additional information.

6.2 ENVIRONMENTAL PRECAUTIONS

Prevent from entering sewers, waterways, or low areas.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Isolate spill and stop leak where safe. Contain spill with sand or other inert materials. Scoop up and remove.

6.4 REFERENCE TO OTHER SECTIONS

See section 8 and 13 for additional information.

SECTION 7 - HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Avoid contact with eyes, skin, or clothing. Avoid breathing vapors. Ensure adequate ventilation. Wash hands after use. Launder contaminated clothing before reuse. Use appropriate protective equipment.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store away from oxidizers. Product has a shelf life of 12 months.

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7.3 SPECIFIC END USE(S)

Exposure scenario No information available
Other Guidelines No information available

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Exposure Limits

Substances	CAS Number	EU	UK	Netherlands	France
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	Not applicable	Not applicable	Not applicable	Not applicable

Substances	CAS Number	Germany	Spain	Portugal	Finland
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	Not applicable	Not applicable	Not applicable	Not applicable

Substances	CAS Number	Austria	Ireland	Switzerland	Norway
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	Not applicable	Not applicable	Not applicable	Not applicable

Substances	CAS Number	Italy	Poland	Hungary	Czech Republic
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	Not applicable	Not applicable	Not applicable	Not applicable

Substances	CAS Number	Denmark	Romania	Croatia	Cyprus
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	Not applicable	Not applicable	Not applicable	Not applicable

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Derived No Effect Level (DNEL)

No information available

Worker

General Population

Predicted No Effect Concentration (PNEC)

No information available.

8.2 EXPOSURE CONTROLS

Engineering Controls

Use in a well ventilated area.

Personal protective equipment

If engineering controls and work practices cannot prevent excessive exposures, the selection and proper use of personal protective equipment should be determined by an industrial hygienist or other qualified professional based on the specific application of this product.

Respiratory Protection

Not normally necessary.

Hand Protection

Normal work gloves.

Skin Protection

Normal work coveralls.

Eye Protection

Chemical goggles; also wear a face shield if splashing hazard exists. (EN-166)

Other Precautions

Eyewash fountains and safety showers must be easily accessible.

8.3 ENVIRONMENTAL EXPOSURE CONTROLS

Do not allow material to contaminate ground water system.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Color: Pale clear to light amber

Odour: Mild

Odor: No information available

Threshold:

Property

Values

Remarks/ - Method

pH

6-8

Freezing point / Range

0 °C

Melting point / Range

No data available

Pour Point / Range

No data available

Boiling Point / Range

100 °C / 212 °F

Flash point

> 95 °C / > 200 °F (PMCC)

Flammability (Solid, Gas)

No data available

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Upper flammability limit	No data available
Lower flammability limit	No data available
Evaporation rate	< 1
Vapour pressure	18
Vapor Density	> 1
Specific gravity	1.24
Water solubility	Soluble in water
Solubility in other solvents	No data available
Partition Coefficient (n-octanol/water)	1.2
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	300 cps @ 20 C
Explosive properties	No information available
Oxidising properties	No information available

9.2 OTHER INFORMATION

VOC content(%)	59
Liquid Density	10.33 lbs/gal @ 20 C

SECTION 10 - STABILITY AND REACTIVITY

10.1 REACTIVITY

Not expected to be reactive.

10.2 CHEMICAL STABILITY

Stable

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Will Not Occur

10.4 CONDITIONS TO AVOID

None anticipated

10.5 INCOMPATIBLE MATERIALS

Strong oxidizers.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide and carbon dioxide.

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SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity

Inhalation	None known
Eye contact	May cause mechanical irritation to eye.
Skin contact	None known.
Ingestion	Large doses may cause nausea, vomiting and diarrhea.

Chronic Effects/Carcinogenicity No data available to indicate product or components present at greater than 0.1% are chronic health hazards.

Toxicology data for the components

Substances	CAS Number	LD50 Oral	LD50 Dermal	LC50 Inhalation
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	No data available	No data available	No data available

Rat = Rat, Rabbit = Rabbit, dust = dust

11.2 INFORMATION ON OTHER HAZARDS

11.2.1 Endocrine disrupting properties

Endocrine Disruptor Information — This product does not contain any known or suspected endocrine disruptors

11.2.2 Other information

Other Adverse Effects No information available

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity effects

Contains no substances known to be hazardous to the environment.

Substances	CAS Number	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Toxicity to Invertebrates
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	No information available	No information available	No information available	No information available

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growth rate = growth rate, similar substance = similar substance, activated sludge = activated sludge, reproduction = reproduction

12.2 PERSISTENCE AND DEGRADABILITY

Substances	CAS Number	Persistence and Degradability
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	No information available

12.3 BIOACCUMULATIVE POTENTIAL

Does not bioaccumulate.

Substances	CAS Number	Bioaccumulation
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	No information available

12.4 MOBILITY IN SOIL

Substances	CAS Number	Mobility
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	No information available

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

Substances	PBT and vPvB assessment
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	Not applicable

12.6 ENDOCRINE DISRUPTING PROPERTIES

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

12.7 OTHER ADVERSE EFFECTS

No information available

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SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Disposal methods

Disposal should be made in accordance with federal, state, and local regulations.

Contaminated Packaging

Follow all applicable national or local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

IMDG/IMO

UN Number	Not restricted
UN proper shipping name:	Not restricted
Transport Hazard Class(es):	Not applicable
Packing Group:	Not applicable
Environmental Hazards:	Not applicable

ADN

UN Number	Not restricted
UN proper shipping name:	Not restricted
Packing Group	Not applicable
Environmental Hazards:	Not applicable

ADR/RID

UN Number	Not restricted
UN proper shipping name:	Not restricted
Packing Group	Not applicable
Environmental Hazards:	Not applicable

IATA/ICAO

UN Number	Not restricted
UN proper shipping name:	Not restricted
Transport Hazard Class(es):	Not applicable
Packing Group:	Not applicable
Environmental Hazards:	Not applicable

14.1 UN NUMBER

Not restricted

14.2 UN PROPER SHIPPING NAME

Not restricted

14.3 TRANSPORT HAZARD CLASS(ES)

Not applicable

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14.4 PACKING GROUP

Not applicable

14.5 ENVIRONMENTAL HAZARD

Not applicable

14.6 SPECIAL PRECAUTIONS FOR USER

None

14.7 MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS

No information available

SECTION 15 - REGULATORY INFORMATION

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

International inventories

US TSCA Inventory

All components listed on inventory or are exempt.

Canadian Domestic Substances
List (DSL)

All components listed on inventory or are exempt.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

Germany, Water Endangering

WGK 1: Low hazard to waters.

Classes (WGK)

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

Substances	CAS Number	Seveso III	TA LUFT
Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	Not applicable	Not applicable

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Substances	CAS Number	REACH (1907/2006) - Annex XVII - Restrictions on Certain DangerousSubstances	REACH (1907/2006) - Annex XIV - Substances Subject to Authorization
Contains no hazardous substances in concentrations above cut-off values according tothe competent authority	NA	Not applicable	Not applicable

15.2 Chemical safety assessment

No information available

SECTION 16 - OTHER INFORMATION

Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any other processes. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy; reliability; or completeness. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use.

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