

Safety Data Sheet

1. Identification

Product name : ELCONN RX&RS
Company : NOUVELLE CHEMIE, CO., LTD.
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2. Hazards Identification

Classification of the substance or mixture

Physical hazards	Not classified
Health hazards	
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Environmental hazards	Not classified

Label elements

Pictograms or hazard symbols



Signal word	Warning
Hazard statements	Causes skin irritation Cause serious eye irritation

Precautionary statements

[Prevention]	Wash hands and face thoroughly after handling. Wear protective gloves, eye protection.
[Response]	IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention

Other hazards not to result in classification May cause polymerization

3. Composition/Information on ingredients

Substance/Mixture : Mixture
Chemical name or commercial name : Polyethylene Glycol Dimethacrylate

*This SDS for user in JP - Not correspond to the regulation of other countries.

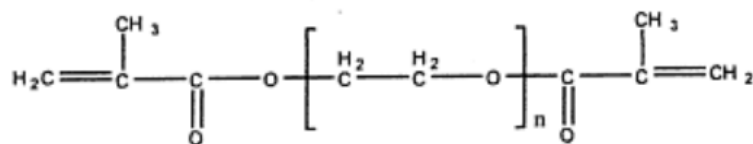
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Date of issue,

Date of revision

 1 June 2025

Chemical formula and structure :



Ingredients and composition

Ingredients	Contents (%)	CAS No.
Polyethylene Glycol Dimethacrylate	About 100	25852-47-5

4. First aid measures

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

Skin contact : Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

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 advice/attention.

Ingestion : Get medical advice/attention if you feel unwell. Rinse mouth.

Protection of first-aiders : A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

5. Firefighting measures

Extinguishing media : Dry chemical powder, foam, water spray, carbon dioxide.

Unsuitable extinguishing media : Solid streams of water

Specific hazards arising from the chemical :

This substance may polymerize explosively when heated or involved in a fire. Container may explode when heated. Combat fire from a sheltered position.

Precautions for firefighters : Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Keep containers cool by spraying with water. Eliminate all ignition sources if safe to do so.

Special protective equipment for firefighters : When extinguishing fire, be sure to wear personal protective equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures :

Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

Environmental precautions : Prevent product from entering drains.

Removal measures : Absorb spilled material in dry sand or inert absorbent before recovering it into a covered container. In case of large amount of spillage, contain a spill by bunding. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. Handling and strage

«Handling»

Technical measures : Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent generation of vapour or mist. Wash hands and face thoroughly after handling.

Cautions : Use a ventilation, local exhaust if vapour or aerosol will be generated.

Advice on safe handling : Avoid contact with skin, eyes and clothing.

«Storage»

Storage conditions : Keep container tightly closed. Storage temperature below 20°C is preferable.

Store away from incompatible materials such as oxidizing agents.

Don't keep it with a metal container.

Heat-sensitive, Light-sensitive

Packaging material : Comply with laws.

8. Exposure controls / Personal protection

Engineering controls : Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.

Control parameters: Not set up.

Personal protective equipment

Respiratory protection : Vapor respirator. Follow local and national regulations.

Hand protection : Protective gloves.

Eye protection : Safety glasses. A face-shield, if the situation requires.

Skin and body protection : Protective clothing. Protective boots, if the situation requires.

9. Physical and chemical properties

Physical state :	Liquid
Form :	Clear
Color :	Colorless - Slightly pale yellow
Odor :	Slight ester odor
Melting point/freezing point: :	No data available
Boiling point/range :	No data available
Flammability(solid, gas) :	No data available
Flash point :	192°C
Autoignition temperature :	No data available
Flammability or explosive limits:	
Lower :	No data available
Upper :	No data available
PH :	No data available
Kinematic viscosity :	No data available
Solubility(ies)	
[Water]	Insoluble
[Other solvents]	
Very soluble :	Alcohols, Benzene, Toluene, Ketones
Log pow :	No data available
Relative density :	1.08
Vapor density :	No data available
Particle characteristics :	No data available

10. Stability and Reactivity

Reactivity :	No data available
Chemical stability :	Polymerization may occur under the influences of heat, light and metal or on contact with polymerization initiators such as peroxides etc.
Possibility of hazardous reaction :	No special reactivity has been reported.
Conditions to avoid :	Heat, light
Incompatible materials :	Oxidizing agents, Peroxides, Strong acid, Strong alkali, Metals, etc.
Hazardous decomposition products :	Carbon monoxide, carbon dioxide etc

11. Toxicological information

Acute toxicity :	No data available
Skin corrosion/irritation :	No data available

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Serious eye damage/irritation : No data available

Germ cell mutagenicity : No data available

Carcinogenicity :

IARC= No data available

NPP= No data available

Reproductive toxicity : No data available

STOT-single exposure : No data available

STOT-repeated exposure : No data available

Aspiration hazard : No data available

12. Ecological information

Ecotoxicity :

Fish : No data available

Crustacea : No data available

Algae : No data available

Persistence / degradability : No data available

Bio-accumulative potential : No data available

Mobility in soil : No data available

Other adverse effects : No data available

13. Disposal considerations

Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

14. Transportation information

UN class : Not listed

Hazard class : Does not correspond to the classification standard of the United Nations

Specific precautionary transport measures and conditions :

Regarding transportation, after making sure of no leakage of the container, load them in a way of avoiding falling down, dropping, and being damaged, with secure prevention of cargo collapse. Handling should be according to the description of Section 7, "Handling and storage".

15. Japanese regulatory information

Fire defense law: Class-4 No.3 petroleum Dangerous grade 3 Not water-soluble fluid

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16. Other information

*This Safety Data Sheet (SDS) has been prepared based on the latest data and information available at present., however it does not guarantee the preciseness and completeness of the information. This SDS may be changed or revised according to the newly acquired information and test results. Also, the cautions and other information in the SDS is intended to ordinary usage; therefore, in the case of particular handlings, conduct appropriate safety measures before use. Because all the chemical substance may have unknown hazards, special care should be taken for their handling. Therefore, you are kindly requested to set up the best safe use on your own responsibility.