

SAFETY DATA SHEET

SECTION-1 CHEMICAL PRODUCTS AND CORPORATE IDENTIFICATION

Product name: Defoamer INVINO-3100

Recommended use: Raw material: inks; Varnish: additives;

Identified uses: For industrial use.

Company name: Nanjing Invelychem Co., Ltd

Address: 2nd Floor of 3rd Building, No.18 Jialingjiang East Street, Jianye District, Nanjing, China.

Code: 210000

E-mail: info@invelydefoamer.com

Company emergency phone: 0086-25-58717026

SECTION-2 COMPOSITION/COMPOSITION INFORMATION

Substance	Content (%)	CAS No.
Distillates(petroleum)	30.0-60.0	64742-52-5
Mineral Oil	10.0-15.0	8042-47-5
Silicon dioxide	3.0~5.0	112945-52-5
Glycerol monooleate	20.0~40.0	25496-72-4

Contains no hazardous ingredients according to GHS

SECTION-3 HAZARDS IDENTIFICATION

Hazard categories:

This product is not included in the list of dangerous goods (GB 12268-2005).

This product is not included in the list of Hazardous Chemicals (2002 Edition).

This product is not included in the Railway dangerous goods list (2009 Edition).

Route of invasion: inhalation, ingestion, skin and eye contact.

Health hazards: no detailed toxicological information is available. May irritate eyes, respiratory system and skin.

Environmental hazards: see part 12.

Explosive hazard: non-flammable dangerous goods.

SECTION-4 FIRST AID MEASURES

Skin contact: rinse the skin thoroughly with soap and plenty of water for more than 15 minutes. Consult a doctor.

Eye contact: lift eyelids, rinse with flowing water for more than 15 minutes and consult a doctor.

Inhalation: immediately leave the scene to fresh air. If breathing is difficult, oxygen is given; if respiratory cessation, immediate artificial respiration, medical treatment.

Ingestion: gargle with warm water and seek medical attention.

SECTION-5 FIRE FIGHTING MEASURES

Hazard characteristics: not inflammable and dangerous goods.

Extinguishing methods and extinguishing agents: Use fog water, carbon dioxide, dry powder and suitable foam to extinguish the fire.

Precautions: firefighters should wear self-contained positive pressure respirator and protective clothing to prevent eye contact.

SECTION-6 ACCIDENTAL RELEASE MEASURES

Emergency treatment: the handling personnel should wear suitable protective clothing. Adsorb with inert materials (such as dry sand, vermiculite) to be collected in dry, clean, covered containers to be treated. Avoid dust. Ventilate and watering after cleaning.

SECTION-7 HANDLING AND STORAGE

Operational handling precautions: Operators should be trained and strictly follow the operating procedures. Operators are advised to wear protective clothing and safety gloves to avoid direct contact with eyes and skin and avoid inhalation. Avoid long-term or repeated contact. Keep away from fire, heat source, and no smoking in the workplace. There should be ventilation systems or equipment in the workplace, and ventilation equipment should be turned on during the working day. Avoid contact with strong oxidants. Equipped with corresponding varieties and quantities of fire fighting equipment and leakage emergency handling equipment.

Storage precautions: Stored in a cool, dry, ventilated warehouse. Away from fire, heat source, container must be sealed. Storage should be separated from strong oxidants. The storage area shall be equipped with fire fighting equipment of corresponding variety and quantity, leak emergency handling equipment and suitable shelter materials.

SECTION-8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Maximum allowable concentration: no standard established

Monitoring method: non

Engineering control: Ventilation system and equipment are required. Provide safe shower and eye washing equipment.

Respiratory protection: wear protective masks approved by the management.

Eye protection: wear safety glasses.

Body protection: wear general work protective clothing.

Hand protection: wear safety gloves.

Other protection: smoking, eating and drinking water are prohibited at work. After work, shower and change clothes.

SECTION-9 PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Amber
Odor	Odorless
Odor Threshold	No data available
pH	5.5-7.5
Melting point/ range	No data available
Freezing point	No data available
Boiling point (760 mmHg)	>200°C
Flash point	closed cup>95°C
Evaporation Rate (Butyl Acetate =1)	No data available
Flammability (solid, gas)	Not Applicable
Flammability (liquids)	Not expected to be a static-accumulating flammable liquid.
Lower explosion limit	No data available
Upper explosion limit	No data available
Relative Vapor Density (air = 1)	No data available
Relative Density (water = 1),25°C	0.85-0.95
Miscibility with Water:	of low solubility
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Explosive properties	Not explosive
Oxidizing properties	No
Molecular weight	No data available

SECTION-10 STABILITY AND REACTIVITY

Reactivity: Not classified as a reactivity hazard.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Can react with strong oxidizing agents.

Conditions to Avoid: None known.

Incompatible Materials: Avoid contact with oxidizing materials.

Hazardous Decomposition Products:

Decomposition products can include and are not limited to: Formaldehyde. Acetaldehyde.

SECTION-11 TOXICOLOGICAL INFORMATION

Acute toxicity: none

Acute poisoning: none

Chronic toxicity: no information available

Irritation: may irritate eyes, respiratory system and skin.

Subacute and chronic toxicity: no information available

Mutagenicity: no information available

Teratogenicity: no information available

Carcinogenicity: no information available

SECTION-12 ECOLOGICAL INFORMATION

Ecotoxicological toxicity: non

Biodegradability: biodegradability

Non-biodegradability: no information available

Bioconcentration or bioaccumulation: no information available

Other harmful effects: no information available

SECTION-13 WASTE DISPOSAL

Disposal methods: The relevant regulations of the local environmental protection department should be consulted before disposal. It is recommended that it be disposed by a qualified chemical waste disposal department.

SECTION-14 TRANSPORT INFORMATION

Dangerous goods number: none

UN No.: none

Packaging marking: none

Packing category: none

SECTION-15 REGULATORY INFORMATION

Domestic laws and regulations:

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SECTION-16 OTHER INFORMATION

Filling time: 09 Oct 2021

Filling Department: Shanghai Research Institute of Chemical Industry Testing Center

Tel (fax):8621-52815377/52800971/52807275/52811034/52569800

Modification information: revision 0

Other information: This instructions is based on the information provided by the client and the existing knowledge of our center. After evaluating the correctness and completeness of the specification, the user shall decide on its applicability according to the actual situation and bear legal responsibility for the consequences of the application.