

MATERIAL SAFETY DATA SHEET

1. INTRODUCTORY AND COMPANY DETAILS

Product Name: Liquid for dehydrating and degreasing
Other Names: n/a
Recommended Use: For use in dentistry to dehydrate and degrease cavities.

Company name: "TehnoDent" Co.Ltd
Address: 132 "A" Korochanskaya str., Belgorod, Russian Federation, 308006
Telephone: +7 (4722) 23-14-18
Fax: +7 (4722) 23-14-81

2. HAZARDS IDENTIFICATION

Hazard Classification: HAZARDOUS SUBSTANCE. DANGEROUS GOODS



Irritant (Xi)



Highly Flammable (F)

Risk Phrases:

R 36	Irritating to eyes.
R 11	Highly flammable.
R 66	Repeated exposure may cause skin dryness or cracking.
R 67	Vapours may cause drowsiness and dizziness.

Safety Phrases:

S 16	Keep away from sources of ignition - No smoking.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S 60	This material and its container must be disposed of as hazardous waste.
S 9	Keep container in a well-ventilated place.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous substances present:

INDEX	CAS	EC	Name	Symb.	R:	%
10808103	141-78-6	-	ETHYL ACETATE	Xi	11, 36, 66, 67	30 - 60

4. FIRST AID MEASURES

For advice, contact a doctor at once. NEVER induce swallowing in an unconscious person.

In the event of splashes or contact with eyes:

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing for at least 15 minutes.

Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment. Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In the event of splashes or contact with skin:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT use solvents or thinners.

In the event of swallowing:

If swallowed, do NOT induce vomiting. If the quantity is small (no more than one mouthful), rinse the mouth with water. Call a doctor immediately and show him the label.

5. FIRE FIGHTING MEASURES

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

Suitable extinguishing media:

In the event of fire, use specifically suitable extinguishing agents. Never use water.

Extinguishing media which must not be used for safety reasons:

Sometimes, and due to the presence of organic material, a fire may produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

Prevent the effluent of fire-fighting measures from entering drains or waterways.

Special protective equipment for fire-fighters:

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid inhaling the vapours.

Avoid any contact with the skin and eyes.

Consult the safety measures listed under headings 7 and 8.

Environmental precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures.

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7. HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:

Prevent the formation of flammable or explosive concentrations in air and avoid vapour concentrations higher than the occupational exposure limits.

Fire prevention:

Use the product in premises where there are no naked flames or other sources of ignition and have protected electrical equipment

Keep packages tightly closed and away from sources of heat, sparks and naked flames. Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal safety, see §8.

Observe precautions stated on label and also industrial safety regulations. Avoid inhaling vapours.

Avoid contact of product with the eyes.

Prohibited equipment and procedures:

Smoking, eating and drinking are prohibited in premises where the preparation is used. Never open the packages under pressure.

Storage:

Keep the container tightly closed in a dry, well-ventilated place. Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Use personal protection equipment.

Technical measures:

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.

Check the atmosphere periodically.

If this ventilation is insufficient to maintain the concentration of vapours below the exposure limits, wear breathing apparatus.

Exposure limit values per NOHSC:1003(1995)

CAS No:	TWA	STEL	Carcinogen Category	Notices	Reference
141-78-6	1440 mg/m ³ (400 ppm)	-	-	-	H, Ch

Hand protection:

Protective creams may be used for exposed skin, but they should not be applied after contact with the product. In the event of prolonged or repeated contact with the hands, use appropriate gloves. Type of gloves recommended :

- Butyl rubber
- Neoprene

Eye and face protection:

Avoid contact with eyes. Wear safety goggles.

Provide eye washes in workshops where the product is constantly handled

Skin protection:

For further information, see § 11 of S.D.S. - Toxicological information.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state:	fluid liquid
pH:	not relevant.
Vapour pressure:	not relevant.
Density:	0,85
Boiling point/boiling range:	80 градусов Цельсия.
Flash point interval:	Flash point: $\leq 21^{\circ}\text{C}$
Water solubility:	Insoluble
melting point/melting range:	not specified.
self-ignition temperature:	not specified.
Decomposition point/decomposition range:	not specified.

10. STABILITY AND REACTIVITY

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

11. TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

It is generally agreed that substances contained are likely to cause, when applied to the eye of an animal, the appearance of major lesions which persist for at least twenty-four hours.

12. ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The product must not be allowed to run into drains or waterways.

13. DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

14. TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADG CODE for road and rail, IMDG for sea and ICAO/IATA for air transport (ADGC (7th Ed) - IMDG 2006 - ICAO/IATA 2007).

Classification:

UN1993=FLAMMABLE LIQUID, N.O.S.



Hazchem Code: 3YE HIN: 33						Packagings & IBCs		Portable Tanks & Bulk Containers	
ADGC	Class	Subsidiary Risk	Packing Group	Special Provisions	Limited Quantities	Packing Instruction	Special Packing Provisions	Instructions	Special Provisions
	3		II	274	1 L	P001 IBC02		T7	TP1 TP8 TP 28

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	3	-	II	5 L	F-E,S-E	274, 330 944	-

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note
	3	-	II	305	5 L	307	60 L	A3, A148
	3	-	II	Y305	1 L	-	-	-

15. REGULATORY INFORMATION

Regulated as an included medical device class IIa.

Hazard classification according to Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)] 3rd Edition prepared in accordance with the National Code of Practice for the Preparation of Material Safety Data Sheets, 2nd Edition [NOHSC:2011(2003)]

16. OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.

It is recommended that the information contained in this safety data sheet is provided to the users, if necessary in an appropriate form.

This information relates to the specifically designated product and may not be valid in combination with any another product. The product must not be used for applications other than those specified in heading 1 without having first obtained written handling instructions.

Full text of risk phrases appearing in section 3:

- R 11 Highly flammable.
- R 36 Irritating to eyes.
- R 66 Repeated exposure may cause skin dryness or cracking.
- R 67 Vapours may cause drowsiness and dizziness.