

## 1. Product and Company Identification

### Product Name: TB Nail Fresh Dehydrator

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## 2. Hazards Identification

### 2.1. Classification of the substance or mixture

#### 2.1.1 Commission Regulation (EC) 1272/2008, as amended

Hazard Classes	Classification
Flammable Liquid	Flam liq. 2, H225
Eye irritant	Eye irrit. 2, H319
Specific target organ toxicity – single exposure	STOT, sing. 3, H336

#### 2.1.2 Most important adverse effects

Product and vapours from product are highly flammable.  
 Vapour and air can form explosive mixtures.  
 Eye irritant.

### 2.2 EC labelling according to Commission Regulation (EC) 1272/2008, as amended

#### 2.2.1 Label elements

Trade Name: Nail Scrub

#### 2.2.2 Hazard pictograms



#### 2.2.3 Signal word

Danger

#### 2.2.4 Hazard Statements

H225	Highly flammable liquid and vapour
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

#### 2.2.5 Precautionary statements

##### Prevention

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed
P261	Avoid breathing vapours

##### Reaction

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do; continue rinsing.  
 P337+P313 Get medical advice/attention if eye irritation persists.

**Storage**

P235 Keep cool

**Disposal**

P501 Dispose of contents/container to a specialist waste reprocessing plant in accordance with local/regional regulations.

**2.3 Other hazards**

The product does not meet the criteria for PBT or vPvB.

### 3. Composition / Information on Ingredients

**3.1 Substances**

Not applicable

**3.2 Hazardous Components**

INCI – Ingredient Name	CAS Number	EINECS Number	CLP Classification	%-Range
Acetone	67-64-1	200-662-1	Flam. Liq. 2, H225 Eye irrit. 2, H319 STOT, sing. 3, H336	25-100
Isopropyl alcohol	67-63-0	200-661-7	Flam. Liq. 2, H225 Eye irrit. 2, H319 STOT. Sing. 3, H336	25-100

For the full text of the hazard statements mentioned in sections 2 and 3 see section 16.

### 4. First Aid Measures

**4.1. Description of first aid measures**

**Skin contact:** Take off contaminated clothing.

**Inhalation:** Move person into fresh air and keep at rest. Call a doctor/physician if the person feels unwell.

**Ingestion:** Rinse mouth. Consult a doctor/physician if the person feels unwell.

**Eye Contact:** Rinse the eyes with water for several minutes; remove contact lenses, if present and easy to do; continue rinsing. Get medical advice/attention if eye irritation persists.

**4.2 Most important symptoms and effects, both acute and delayed:**
**4.2.1 Acute symptoms and effects on exposure**

On contact with the fluid: red eyes and pain. On inhalation: sleepiness or drowsiness.

**4.2.2 Delayed symptoms and effects on exposure**

On repeated and/or long-term exposure: dry or cracked skin.

## 5. Fire Fighting Measures

### 5.1. Extinguishing media

**Extinguishing media:** Powder, foam, water spray, carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Vapour and air forming explosive mixtures.  
In the event of fire, toxic vapour will be released (carbon monoxide and/or carbon dioxide).

### 5.3. Advice for fire-fighters

#### 5.3.1 Protective measures

In the event of fire: keep containers in the immediate vicinity cool by spraying with water.

#### 5.3.2 Special protective equipment

Wear self-contained breathing apparatus when approaching the fire or when in a room if necessary.

## 6. Accidental Release Measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Gloves, boots. Respiratory equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.

### 6.2 Environmental precautions

Keep away from drains, surface water or soil.

### 6.3 Methods and material for containment and clearing up

Absorb small spillages of product with an inert material. Allow to evaporate in a safe place.  
Large spillages should be dammed off and removed with an explosion-proof vacuum cleaner; recycle where possible. Wash away any residue with water.

### 6.4 Reference to other sections

See also sections 8 and 13.

## 7. Handling and Storage

### 7.1. Precautions for safe handling

Use in well-ventilated areas only.  
Keep away from sources of ignition - No smoking.  
Use explosion-proof electrical equipment and lighting.

### 7.2 Conditions for safe storage, including any incompatibilities

#### 7.2.1 Preventing fire and explosion

Keep packaging in a well-ventilated place.  
Keep packaging tightly closed.  
Keep in a fire-resistant place separate from oxidants.

#### 7.2.2 Protection against environmental attack

Protect against heat and direct sunlight.  
Suitable materials for packaging: approved plastic/glass/steel/stainless steel.

### 7.3 Specific end use(s)

Please contact the supplier.

## 8. Exposure Controls / Personal Protection

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### 8.1. Control parameters

#### 8.1.1 Exposure limit values

<b>Acetone</b>	mg/m <sup>3</sup>	ppm	Indicative
TWA limit value (NL) 8 hours	1,210	500	
TWA limit value (NL) 15 hours	2,420		

<b>Isopropyl alcohol</b>	mg/m <sup>3</sup>	ppm	Indicative
TWA limit value (NL) 8 hours	500		
TWA limit value (NL) 15 hours	1,000		

### 8.2. Exposure controls

#### 8.2.1 Technical measures

Sealed equipment  
Ventilation and local extraction

#### 8.2.2 Individual protective measures

**Respiratory protection:** Respirator with a filter for organic vapour (filter type A).

**Eye protection:** Safety goggles.

**Skin protection:**

**Hands:**  
Butyl rubber 0.7 mm gloves  
Linear low-density polyethylene (LLDPE) 0.75 mm gloves

**Other measures:**  
Protective clothing

#### 8.2.3 Environmental exposure controls

Remove contaminated air from the local extractor and drain waste water in accordance with local environmental regulations.

## 9. Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

<b>Form:</b>	Fluid
<b>Colour:</b>	Blue
<b>Odour:</b>	Distinctive
<b>Odour threshold, mg/m<sup>3</sup></b>	0.4-3
<b>Ph:</b>	Not applicable
<b>Melting point/range, °C</b>	< -20
<b>Boiling point/range, °C</b>	56-82
<b>Flash point, °C</b>	-8°C
<b>Evaporation rate</b>	Not available
<b>Flammability limits, vol% in air</b>	2.1 - 13 (acetone)
<b>Vapour pressure, mbar at 20 °C</b>	247 (acetone)
<b>Relative density (water = 1)</b>	0.8
<b>Solubility in water</b>	100%
<b>Auto-ignition temperature</b>	425 (isopropyl alcohol)

**9.2 Other information**
**Miscibility** Miscible with organic solvents

**10. Stability and Reactivity**
**10.1. Reactivity**
**Reactivity:** No hazardous reaction if directions for handling and storage are observed.

**10.2. Chemical stability**
**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**
**Hazardous reactions:** Reacts strongly to oxidants and strong acids

**10.4. Conditions to avoid**
**Conditions to avoid:** Storage temperatures >40 °C. Sources of ignition (open flame, warm surfaces and sparks).

**10.5. Incompatible materials**
**Materials to avoid:** Oxidants and strong acids. Attacks rubber and many synthetics.

**10.6. Hazardous decomposition products**
**Haz. decomp. Products:** Does not decompose if used and stored as directed.

**11. Toxicological Information**
**11.1. Acute toxicity**
**Acetone**

<b>Acute Toxicity:</b>	<b>LD50</b>	<b>LC50/4 h</b>
Oral	5.8-8.4 mg/kg	
Dermal	> 15.700 mg/kg	
Inhalation		76 mg/l Eye

**Serious eye injury/irritation:** Irritant

**STOT – single exposure:** May cause drowsiness or dizziness

**Isopropyl alcohol**

<b>Acute Toxicity:</b>	<b>LD50</b>	<b>LC50/4 h</b>
Oral	4,396 mg/kg	
Dermal	12,870	
Inhalation		72,6 mg/l Eye

**Serious eye injury/irritation:** Irritant

**11.2 Symptoms/routes of exposure**

The product can enter the body by inhalation of the vapours or swallowing the fluid.

**11.3 Chronic toxicity**

The fluid may cause skin dryness or cracking.

## 12. Ecological Information

### 12.1 Ecotoxicity

#### Acetone

<b>Fish</b>	LC50 fish, 96 hours: 5,540-13,000 mg/l
<b>Crustaceans</b>	LC50 daphnia, 48 hours: 7,635-15,800 mg/l
<b>Algae</b>	LC50 (algae, 72 hours): no data available

#### Isopropyl alcohol

<b>Fish</b>	LC50 fish, 96 hours: 1,400 mg/l
<b>Crustaceans</b>	LC50 daphnia, 48 hours: 7,550-13,299 mg/l
<b>Algae</b>	LC50 (algae, 72 hours): > 1,000 mg/l

### 12.2 Persistence and degradability

The product is easily biodegradable

### 12.3 Bioaccumulative potential

Bioconcentration factor (BCF): Acetone 1; Isopropyl alcohol 3.

Log P octanol/water: Acetone - 0.2; Isopropyl alcohol 0.1.

No significant potential for bioaccumulation (BCF < 500 and log P octanol/water < 4).

### 12.4 Mobility in soil

The product is highly mobile in soil.

KoC coefficient: Acetone 0.6; Isopropyl alcohol 1E25.

### 12.5 Results of PBT and vPvB assessment

The product has been assessed as containing no substances that can be viewed as PBT or vPvB substances.

### 12.6 Other adverse effects

The product is mildly harmful to water.

German hazard codes for water (WGK): Acetone 1; Isopropyl alcohol 1.

## 13. Disposal Considerations

### 13.1 Waste treatment methods

#### Product

Dispose of to a registered incineration plant for solvents, or as hazardous waste in accordance with local regulations. Do not dispose of the product in residual household waste. Prevent the waste product reaching sewers.

#### Contaminated packaging

Treat contaminated empty packaging as hazardous waste.

Treated packaging may be reused.

#### Other safety information

European list of waste (EURAL): 07 01 04

## 14. Transport Information

### Road Transport:

Technical name: : Flammable liquids, N.O.S. (Acetone, Isopropyl alcohol) 3, PGII Class  
3  
Pack Group : II  
UN Number : 1993

### Other Safety information

Hazard label(s) : 3  
Tunnel category : (D/E)  
Hazard identification nr: 33 Transport  
category : 2  
Limited quantity (LQ) : 1 L Exempted  
quantity : E2

## 15. Regulatory Information

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

Additional national regulations must be observed.

### 15.2 Chemical safety assessment

The product has not been assessed for chemical safety

## 16. Other Information

### 16.1 Key changes since last version

Application of the terms of Regulation (EC) No. 453/2010.

### 16.2 Glossary of abbreviations and acronyms

CAS	Chemical Abstracts Service (Division of the American Chemical Society) CLP Classification, Labelling and Packaging
EC50	Effect Concentration, 50 percent (concentration at which 50 per cent of animals show a particular effect)
EC	European Community
IC50	Inhibitory Concentration, 50 percent (concentration at which 50 per cent of algae show growth inhibition)
LC50	Lethal Concentration, 50 percent (concentration at which 50 per cent of animals die) LD50 Lethal Dose, 50 percent (dose at which 50 per cent of animals die)
PBT	Persistent, Bioaccumulative and Toxic
Ppm	Parts per million
TWA	Time Weighted Average
vPvB	very Persistent and very Bioaccumulative