



## SAFETY DATA SHEET

### Heavy Duty TFR

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name Heavy Duty TFR

UFI UFI: KH90-H09J-V00E-GXH1

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Heavy Duty Traffic Film Remover

##### 1.3. Details of the supplier of the safety data sheet

Supplier Rozone  
Queen Street  
Darlaston  
Wednesbury  
West Midlands  
UK  
WS10 8JF  
Tel: +44 (0)121 526 8181  
Fax: +44 (0)121 526 8182  
info@rozone.co.uk

##### 1.4. Emergency telephone number

Emergency telephone Rozone: 0121 526 8181 (Mon - Fri, 09:00-17:00)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Skin Corr. 1 - H314 Eye Dam. 1 - H318

Environmental hazards Not Classified

##### 2.2. Label elements

###### Hazard pictograms



Signal word Danger

Hazard statements H314 Causes severe skin burns and eye damage.

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<b>Precautionary statements</b>	<p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>UFI</b>	UFI: KH90-H09J-V00E-GXH1
<b>Contains</b>	C9-11 Alcohol Ethoxylate , SODIUM HYDROXIDE
<b>Detergent labelling</b>	< 5% amphoteric surfactants, < 5% non-ionic surfactants, < 5% polycarboxylates
<b>Supplementary precautionary statements</b>	<p>P260 Do not breathe vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P405 Store locked up.</p>

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>C9-11 Alcohol Ethoxylate</b>	<b>1-5%</b>
CAS number: 68439-46-3	EC number: 614-482-0
<b>Classification</b>	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
<b>SODIUM HYDROXIDE</b>	<b>&lt;1%</b>
CAS number: 1310-73-2	EC number: 215-185-5
<b>Classification</b>	
Skin Corr. 1A - H314	
Eye Dam. 1 - H318	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General information</b>	Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.
<b>Inhalation</b>	Move affected person to fresh air at once.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.

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**Eye contact** Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel.

### 4.2. Most important symptoms and effects, both acute and delayed

**General information** The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Treat symptomatically.

**Inhalation** No significant hazard at normal ambient temperatures.

**Ingestion** No specific symptoms known.

**Skin contact** Causes severe skin burns and eye damage.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Notes for the doctor** No specific recommendations.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.

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

**Specific hazards** Not known.

**Hazardous combustion products** None at ambient temperatures. When heated, vapours/gases hazardous to health may be formed.

### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

## SECTION 6: Accidental release measures

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

**Personal precautions** Keep unnecessary and unprotected personnel away from the spillage.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

**Reference to other sections** For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with skin and eyes.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

### 7.3. Specific end use(s)

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**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

#### SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### 1-HYDROXYETHANE-1,1-DIPHOSPHONIC ACID (CAS: 2809-21-4)

<b>DNEL</b>	Workers - Oral; Long term systemic effects: 13 mg/kg/day General population - Oral; Long term local effects: 6.5 mg/kg
<b>PNEC</b>	- Fresh water; 0.136 mg/l - marine water; 0.014 mg/l - Sediment (Freshwater); 59 mg/kg - Sediment (Marinewater); 5.9 mg/kg - Soil; 96 mg/kg - STP; 20 mg/l

#### 8.2. Exposure controls

##### Protective equipment



<b>Appropriate engineering controls</b>	Provide adequate ventilation.
<b>Eye/face protection</b>	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
<b>Hand protection</b>	Wear protective gloves.
<b>Hygiene measures</b>	When using do not eat, drink or smoke.
<b>Respiratory protection</b>	No specific recommendations.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Amber.
<b>Odour</b>	Characteristic.
<b>pH</b>	pH (concentrated solution): ~12.5-13.5
<b>Relative density</b>	~ 1.02 @ 20°C

#### 9.2. Other information

<b>Other information</b>	No information required.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

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**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not applicable.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Heating may generate the following products: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 93,333.33

**Inhalation** Considered to be a low inhalation hazard at normal workplace temperatures.

**Ingestion** Gastrointestinal symptoms, including upset stomach. May cause chemical burns in mouth and throat.

**Skin contact** Causes severe burns.

**Eye contact** Causes serious eye damage.

## SECTION 12: Ecological information

**Ecotoxicity** Not regarded as dangerous for the environment.

### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

### 12.2. Persistence and degradability

**Persistence and degradability** The product contains substances which are not expected to be biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not available.

### 12.4. Mobility in soil

**Mobility** No data available.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

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**Other adverse effects** No information required.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID)	1760
UN No. (IMDG)	1760
UN No. (ICAO)	1760
UN No. (ADN)	1760

#### 14.2. UN proper shipping name

<b>Proper shipping name (ADR/RID)</b>	CORROSIVE LIQUID, N.O.S. (CONTAINS PHOSPHONIC ACID, SODIUM HYDROXIDE)
<b>Proper shipping name (IMDG)</b>	CORROSIVE LIQUID, N.O.S. (CONTAINS PHOSPHONIC ACID, SODIUM HYDROXIDE)
<b>Proper shipping name (ICAO)</b>	CORROSIVE LIQUID, N.O.S. (CONTAINS PHOSPHONIC ACID, SODIUM HYDROXIDE)
<b>Proper shipping name (ADN)</b>	CORROSIVE LIQUID, N.O.S. (CONTAINS PHOSPHONIC ACID, SODIUM HYDROXIDE)

#### 14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID classification code	C9
ADR/RID label	8
IMDG class	8
ICAO class/division	8
ADN class	8

#### Transport labels



#### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

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### 14.6. Special precautions for user

EmS	F-A, S-B
ADR transport category	1
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	88
Tunnel restriction code	(E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

**National regulations** The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 as amended.  
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 as amended  
Control of Substances Hazardous to Health Regulations 2002 (as amended).  
EH40/2005 Workplace exposure limits.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Revision date</b>	11/10/2023
<b>Revision</b>	5
<b>Supersedes date</b>	05/05/2022
<b>SDS number</b>	22041
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage.

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