

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

SUBSTANCE NAME: TRAFFIC FILM REMOVER - CONCENTRATE
PART NO. 3050821 / 3050820
REACH: ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES.
COMPANY IDENTIFICATION: CLARKE INTERNATIONAL
HEMNALL STREET, EPPING, ESSEX CM16 4LG
COMPANY TELEPHONE NO 01992 565300
EMERGENCY TELEPHONE: 020 89887400

2. HAZARDS IDENTIFICATION:

2.1 Classification of the substance or mixture

2.1.1 Classification – 1999/45/EC

Xi; R36

Symbols: Xi: Irritant

Main hazards: Irritating to eyes.

2.1.2. Classificaiton – EC 1272/2008

Skin Corr. 1A: H314;

2.2. Label Elements

Hazard pictograms



Signal Word:

Danger

Hazard Statement:

Skin Corr. 1A: H314 – Causes severe skin burns and eye damage.

Precautionary Statement:

P102 – Keep out of reach of children.

Prevention:

P260 – Do not breathe dust / fume / gas / mist / vapours / spray

P264 – Wash thoroughly after handling

P280 – Wear protective gloves / protective clothing / eye protection / face protection

Precautionary Statement:

P301+P312 – IF SWALLOWED: Call a poison centre / doctor or if you feel unwell.

Response:

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.

P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 – If skin irritation or rash occurs: Get medical advice / attention .

P337+P313 – If eye irritation persists: Get medical advice / attention.

P363 – Wash contaminated clothing before reuse.

P405 – Store locked up.

Precautionary Statement:

Storage

Precautionary Statement:

P501 – Dispose of contnets / container to REQUIREMENTS OF LOCAL AUTHORITY

Disposal

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3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

67/548/EEC 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
WATER					70-80%		
trisodium nitrilotriacetate	607-620-00-6	5064-31-3	225-768-6		1-10%	Carc. Cat. 3; R40 Xn; R22 Xi; R36	
D-Glucopyranose, Oligomeric, Decyl, Octyl, Glycoside					0.5 - 1%	Xi; R41	
1-Propanaminium, 3 Amino-N (carboxymethyl) N,N-Dimet					0.5 - 1%	Xi; R36	
hyl N Coco acyl dervis inner salts							
Ethylene glycol monobutyl Ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0		0 – 0.5%	Xn; R20/21/22 Xi; R36/38	
SODIUM METASILICATE							
PENTA HYDRATE		6834-92-0	229-912-9	01-2119449811-37 01-2119449811-37	1 – 10%	C; R34	
COCAMIDOPROPYL BETAINE			931-296-8		1 – 10%	Xi; R41	
ALCOHOL ETHOXYLATE		68439-46-3			1 – 10%	Xn; R22 Xi; R41	
TETRA POTASSIUM PYROPHOSPHATE		7320-34-5	230-785-7	01-2119489369-18	1 – 10%	Xi; R36	
Sodium hydroxide (Ethane – 1,2-diol particulate)	011-002-00-6	1310-73-2	215-185-5	01-2119457892-27	0 – 0.5%	C; R35	
EC 1272/2008							
WATER					70 – 80%		
Trisodium nitrilotriacetate	607-620-00-6	5064-31-3	225-768-6		1 – 10%	Carc. 2: H351; Acute Tox. 4: H302; Eye irrit. 2: H319;	
D-Glucopyranose, Oligomeric, Decyl, Octyl, Glycoside					0.5 – 1%	Eye Dam. 1: H318;	
1-Propanaminium, 3 Amino-N (carboxymethyl) N, N. Dimet					0.5 – 1%	Skin Irrit. 2: H315;	
Hyl N Coco acyl dervis inner salts							
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0		0 - 0.5%	Acute Tox. 4: H322; Acute Tox. 4:H312; Acute Tox. 4:H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;	
SODIUM METASILICATE		6834-92-0	229-912-9	01-2119449811-37	1 – 10%	Met. Corr. 1: H290; Skin Corr.	
HYDRATE				01-2119449811-37		1B: H314; Eye Dam. 1: H318; STOT SE 3: H335;	
COCAMIDOPROPYL BETAINE			931-296-8		1 – 10%	Eye Dam. 1: H318; Aquatic Chronic 3: H412;	
ALCOHOL ETHOXYLATE		68439-46-3			1 – 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
TETRA POTASSIUM PYROPHOSPHATE		7320-34-5	230-785-7	01-2119489369-18	1 – 10%	Eye Irrit. 2: H319;	
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5	01-2119457892-27	0 – 0.5%	Skin Corr. 1A: H314;	
Mono ethylene glycol (Ethane- 1,2-diol particulate)	603-027-00-1	107-21-1	203-473-3		0-0.5%	Acute Tox. 4: H302;	

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4. FIRST AID MEASURES:

4.1. description of first aid measures

- Inhalation** Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
- Eye contact:** Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
- Skin contact:** Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
- Ingestion:** Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

5. FIRE FIGHTING MEASURES:

5.1. Extinguishing media

Carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3 Advice for firefighters

Wear suitable respiratory equipment when necessary

6. ACCIDENTAL RELEASE MEASURES:

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment.

6.2 Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3 Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING & STORAGE:

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Adopt best manual handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

8.1. Control parameters

8.1.1. Exposure Limit Values

Ethylene glycol monobutyl ether (2-Butoxyethanol)	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m ³ : 123
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m ³ : 101.2
	WEL 8-hr limit mg/m ³ total - Inhalable dust:	WEL 15 min limit mg/m ³ total - Inhalable dust:
Mono ethylene glycol (Ethane 1,2-diol particulate)	WEL 8-hr limit mg/m ³ total - respirable dust:	WEL 15 min limit mg/m ³ total - respirable dust:
	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ :-
Mono ethylene glycol (Ethane-1,2-diol vapour)	WEL 8-hr limit mg/m ³ total - Inhalable dust:	WEL 15 min limit mg/m ³ total - Inalable dust:
	WEL 8-hr limit mg/m ³ total - Respirable dust:	WEL 15 min limit mg/m ³ total - Respirable dust:
	WEL 8-hr limit ppm: 20	WEL 8-hr limit mg/m ³ : 52
	WEL 15 min limit ppm: 40	WEL 15 min limit mg/m ³ : 104
	WEL 8-hr limit mg/m ³ total - Inhalable dust:	WEL 15 min limit mg/m ³ total - Inhalable dust:
	WEL 8-hr limit mg/m ³ total -	WEL 15 min limit mg/m ³ total -

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Sodium hydroxide	Respirable dust:	Respirable dust:
	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	Inhale dust:	Inhalable dust:
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	respirable dust:	respirable dust:

DNEL: Derived no-effect level

No data available.

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Not normally required
8.2.2. Individual protection measures	Wear chemical protective clothing
Eye / face protection	Approved safety goggles.
Skin protection -	Chemical resistant gloves (PVC)
Hand protection	
Respiratory protection	Not normally required

9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Amber
Odour	Characteristic
Initial boiling point	100
Relative density	1.08 Nominal
pH	12.0 Nominal
Solubility	Soluble in water

Water Solubility

Slightly soluble in water.

10. STABILITY AND REACTIVITY:

10.2 Chemical Stability

Stable under normal conditions

11. TOXICOLOGICAL INFORMATION:

11.1 Information on toxicological effects

Skin corrosion / irritation: Irritating to eyes. May cause degreasing of the skin. May cause irritation to skin.

12. ECOLOGICAL INFORMATION:

12.1 Toxicity

COCAMIDOPROPYL BETAINE **Daphnia EC50/48h:** 21.5000 mg/l **Algae IC50/72h:** 30.000 mg/l

12.2 Persistence and degradability

DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE. Inorganic materials are inherently not biodegradable however those present in this formulation / product are either of no known significant environmental hazard or are readily neutralised to form inert salts. More than 90% biodegradable.

12.3 Bioaccumulative potential

Bioconcentration factor. No data is available on this product.

13. DISPOSAL CONSIDERATIONS:

General Information

Dispose of in compliance with all local and national regulations.

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14. TRANSPORT INFORMATION:

Further information

The product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION:

15.2 Chemical safety assessment

No chemical safety assessment has been carried out by the supplier.

16. OTHER INFORMATION:

Other information

Revision

This document differs from the previous version in the following areas:

2 – Precautionary statement: Response

Text of risk phrases in Section 3

R20/21/22 – Harmful by inhalation, in contact with skin and if swallowed.

R22 – Harmful if swallowed

R34 – Causes burns

R35 – Causes severe burns

R36/38 – Irritating to eyes and skin

R36 – Irritating to eyes

R40 – Limited evidence of a carcinogenic effect

R41 – Risk of serious damage to eyes

Text of Hazard Statements in Section 3

Acute Tox. 4: H302 – Harmful if swallowed

Eye Irrit. 2: H319 – Causes serious eye irritation

Carc. 2: H351 – Suspected of causing cancer.

Eye Dam. 1: H318 – Causes serious eye damage.

Skin irrit. 2: H315 – Causes skin irritation

Acute Tox. 4: H312 – Harmful in contact with skin

Acute Tox. 4: H332 – Harmful if inhaled/

Met. Corr. 1: H290 – May be corrosive to metals

Skin Corr. 1B: H314 – Causes severe skin burns and eye damage

STOT SE 3: H335 – May cause respiratory irritation

Aquatic Chronic 3: H412 – Harmful to aquatic life with long lasting effects

Skin Corr. 1A: H314 – Causes severe skin burns and eye damage

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.

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