


TRAFFIC FILM REMOVER CONCENTRATE: A CORROSIVE ALKALINE LIQUID

Traffic Film Remover (TFR) uses a type of chemical known as a sequestrant to remove metallic particles from the vehicle. As these particles are removed, tiny holes are left in the traffic film.

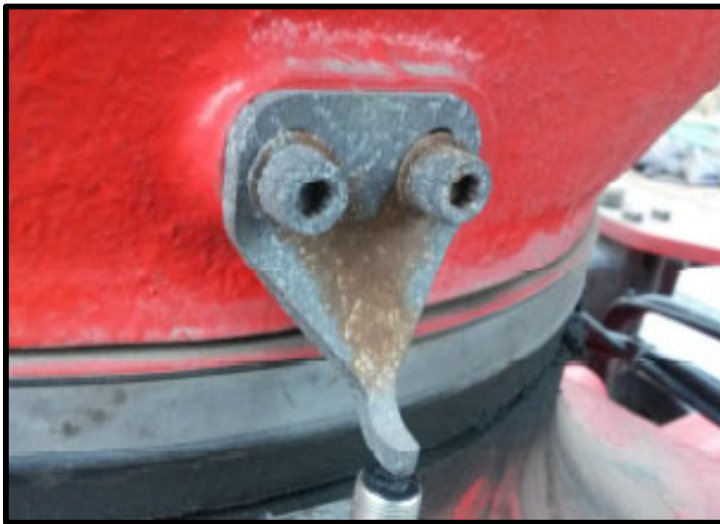
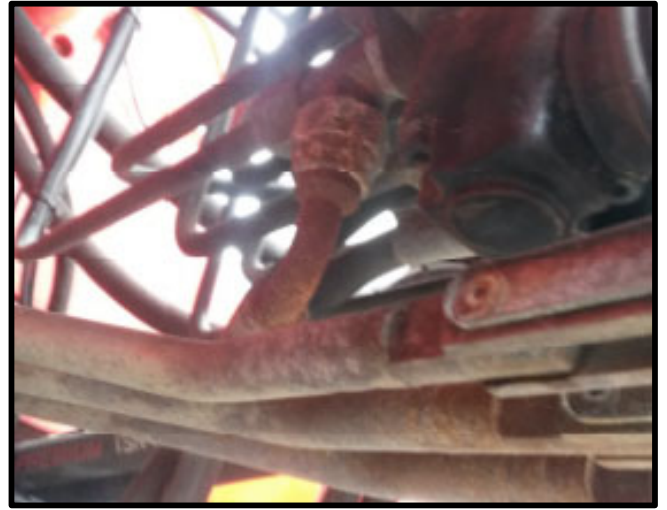
These microscopic gaps allow further compounds in the TFR to penetrate the traffic film. These compounds hold an extremely powerful positive charge, which attracts them to the surface of vehicle, while undermining the hold the remaining traffic film has on the paintwork. This allows the remaining film to be removed using a pressure washer.

Typical manufacturer recommended dilution rates vary from 1:120 (engine/chassis) to 1:250 (paintwork).

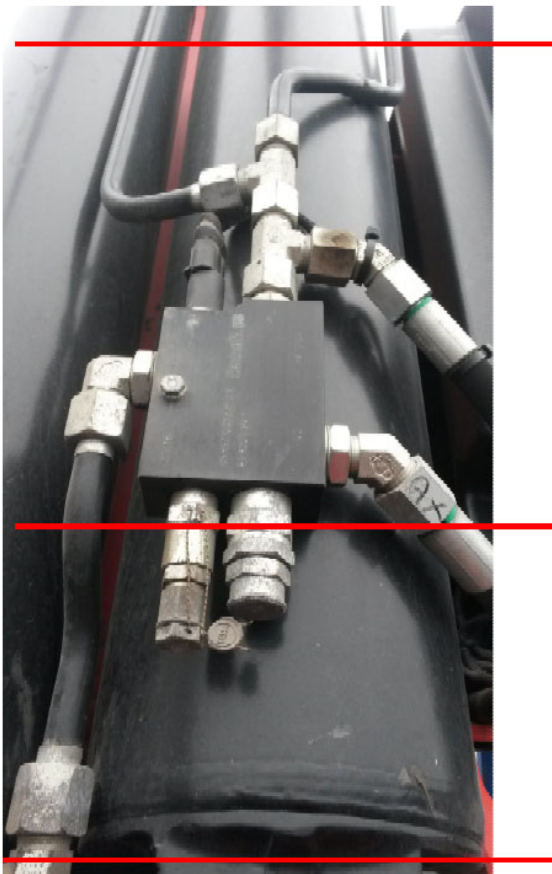
SAFETY DATA SHEET	
1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY	
SUBSTANCE NAME:	TRAFFIC FILM REMOVER - CONCENTRATE
PART NO.	3050821 / 3050820
REACH:	ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES.
COMPANY IDENTIFICATION:	CLARKE INTERNATIONAL HEMALL 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. Classification - 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.
Precautionary Statement:	P363 - Wash contaminated clothing before reuse.
Storage	P405 - Store locked up.
Precautionary Statement:	P501 - Dispose of contents / container to REQUIREMENTS OF LOCAL AUTHORITY
Disposal	

SAFETY DATA SHEET							
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 nitrotriacetate	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 hyl N Coco acyl derivs inner salts					0.5 - 1%	Xi, R36	
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 - 10.0%	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	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 nitrotriacetate	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 hyl N Coco acyl derivs inner salts					0.5 - 1%	Skin Irrit. 2: H315;	
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; Met. Corr. 1: H290; Skin Cor.	
SODIUM METASILICATE	6834-92-0	229-912-9	01-2119449811-37	01-2119449811-37	1 - 10%	IB: H314; Eye Dam. 1: H318; STOT SE 3: H335; Eye Dam. 1: H318;	
HYDRATE				931-296-8	1 - 10%	Eye Dam. 1: H318; Aquatic Chronic 3: H412;	
COCAMIDOPROPYL BETAINE				68439-46-3	1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
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	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;	

When used on the crane (perhaps when not diluted correctly) it can lead to premature corrosion of a wide range of plated components & aluminium castings as well as reducing the life of rubber components & hoses.



In this example we can see how only the lower components have been affected.



UPPER – Not Corroded

LOWER - Corroded through application of TFR

Fassi UK do not recommend the use of TFR for cleaning cranes & cannot be held responsible for any damage or corrosion so caused.

If you must use TFR:

- Make sure it is precisely diluted to suit the application to paintwork &/or plated & cast aluminium components as stated by the manufacturer.
- Make sure the manufacturers method of use instructions are followed.
- Test on a small area first.
- Avoid contact with rubber components & hoses.



MISUSE MAY RESULT IN WARRANTY BEING VOID