



Clemas & Co Ltd

Industrial Cleaning Equipment
Sales - Hire - Service

Non Caustic Chemical

PRODUCT CODE: Transtech NC

Product Description

Non caustic chemical is an economical, low cost, non-caustic TFR for general goods, vehicle cleaning and general light degreasing via a pressure washer. Transtech NC can be used to remove film and greasy deposits from cars, vans, commercial vehicles, tractor units and light plant. It can also be used for general cleaning via the pressure washer.

USAGE DESCRIPTION

- Non caustic chemical may be used hot or cold via a pressure washer. For best results use hot.
- Suitable dilutions are normally established by experience. See guidance below.
- Apply the solution to the surface of the vehicle at low or high, pressure working from the bottom of the vehicle upward to avoid cleaning-streaks after the vehicle has dried.
- In hot weather cool paintwork with water before applying chemical. Do not allow the chemical to dry on the surface.
- Rinse with a bucket, hose or pressure washer from the top of the vehicle rinsing downwards evenly and methodically.

Dilution Rate

Light Soiling:	1% (100:1)
Medium Soiling	2% (50:1)
Heavy Soiling	3% (30:1)

Advantages

- Economical – performance vehicle cleaning at low cost
- Multi – purpose – removes traffic film for a variety of vehicles
- Biodegradable – meets requirements of the EU 748 regs and subsequent amendments.

Physical and Chemical Properties

Appearance	Liquid
Colour	Colourless
Odour	Characteristic
Relative Density	1.030
pH- Value, Conc. Solution	12.5



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PRODUCT SAFETY DATA SHEET

IDENTIFICATION

Product Name: Non Caustic Chemical
Product Code: Transtech NC
Supplier: Clemas & Company Limited
Unit 5 Ashchurch Business Centre
Tewkesbury, Gloucestershire GL20 8NB
Tel: 01684 850777
Fax: 01684 850707

COMPOSITION/INFORMATION INGREDIENTS

Substance name	CAS no	Classification
SODIUM METASILICATE PENTAHYDRATE	1-5%	C;R34. Xi;R37.
COCOAMIDOPR OPYL BETAINE	1-5%	Xi;R41.
SODIUM HYDROXIDE	< 1%	C;R35

HAZARDS IDENTIFICATION

MAIN HAZARDS:
Corrosive causes severe burns.

FIRST AID MEASURES

INHALATION: No recommendation given.
INGESTION: Rinse mouth thoroughly. Get medical attention if any discomfort continues.
SKIN CONTACT:
Wash the skin immediately with soap and water.
EYE CONTACT:
Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

FIRE-FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:
This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES:
No specific fire-fighting procedure given.

UNUSUAL FIRE & EXPLOSION HAZARDS:
Not known.

PROTECTIVE MEASURES IN FIRE:
Selection of respiratory protection for fire-fighting: follow the general fire precautions indicated in the workplace.

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:
Wear protective clothing as described in this safety data sheet.

ENVIRONMENTAL PRECAUTIONS:
Avoid discharge into water courses or onto the ground.

SPILL CLEAN UP METHODS:
Non-hazardous substance. Flush area clean with lots of water.
Be aware of potential for surfaces to become slippery.

HANDLING AND STORAGE

USAGE PRECAUTIONS:
Avoid spilling, skin and eye contact.
STORAGE PRECAUTIONS:
Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.
Protect from freezing and direct sunlight.

EXPOSURE CONTROLS/ PERSONAL PROTECTION

Name	STD	STEL - 15 Min
SODIUM HYDROXIDE	WEL	2 mg/m ³

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT:



RESPIRATORY EQUIPMENT:

No specific recommendations.
HAND PROTECTION:
Use suitable protective gloves if risk of skin contact.
EYE PROTECTION:
If risk of splashing, wear safety goggles or face shield.

HYGIENE MEASURES:
When using do not eat, drink or smoke.

STABILITY & REACTIVITY

STABILITY:
Stable under normal temperature conditions.
CONDITIONS TO AVOID:
Avoid excessive heat for prolonged periods of time.

HAZARDOUS POLYMERISATION:
Not relevant

MATERIALS TO AVOID:
No specific, or groups of materials are likely to react to produce a hazardous situation.

HAZARDOUS DECOMPOSITION PRODUCTS:
Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).



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TOXICOLOGICAL INFORMATION

INHALATION:

May cause irritation to the respiratory system.

INGESTION:

May cause discomfort if swallowed.

SKIN CONTACT:

Liquid may irritate skin.

EYE CONTACT:

Spray and vapor in the eyes may cause irritation and smarting.

ECOLOGICAL INFORMATION

ECOTOXICITY:

Not regarded as dangerous for the environment.

MOBILITY:

The product is water soluble and may spread in water systems.

DISPOSAL CONSIDERATIONS

GENERAL INFORMATION:

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

DISPOSAL METHODS:

Dispose of waste and residues in accordance with local authority requirements.

TRANSPORT INFORMATION

GENERAL	Not regulated.
ROAD TRANSPORT NOTES	Not classified
RAIL TRANSPORT NOTES	Not classified.
SEA TRANSPORT NOTES	Not classified.
AIR TRANSPORT NOTES	Not classified.
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.
UN NO. ROAD	N/A

REGULATORY INFORMATION

RISK PHRASES	NC
SAFETY PHRASES	Not classified.
P13	

Detergent Labelling

Safety data sheet available for professional user on request.

< 5% non-ionic surfactants amphoteric
surfactants polycarboxylates

SPECIFIC HAZARDS OTHER INFORMATION

EU DIRECTIVES

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

NATIONAL REGULATIONS

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

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RISK PHRASES IN FULL

R34	Causes burns.
R35	Causes severe burns.
R37	Irritating to respiratory system.
NC	Not classified.
R41	Risk of serious damage to eyes