
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: HEAVY DUTY TFR
- Product Part Number: 3800x0111

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

- Use of the substance/mixture: Automotive care, Cleaning agent

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Automotive Cleaning Chemicals
- Address of Supplier: Amber House,
Showground Road,
Bridgwater,
Somerset,
TA6 6AJ
- Telephone: 01278 431310
- Responsible Person: John Goldsby
- Email: sdscompiler@acc-limited.co.uk

1.4 Emergency telephone number

- Emergency Telephone: 01278431310

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Met. Corr. 1, Skin Corr. 1A, Eye Dam. 1, STOT SE 3

2.2 Label elements



- Signal Word: Danger
- Hazard statements
 - H335 - May cause respiratory irritation.
 - H314 - Causes severe skin burns and eye damage.
 - H290 - May be corrosive to metals.
- Precautionary statements
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P310 - Immediately call a POISON CENTER or doctor/physician.
 - P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
 - P332+P313 - If skin irritation occurs: Get medical advice/attention.
 - P362 - Take off contaminated clothing.

2.3 Other hazards

SECTION 2: Hazards identification (....)

SECTION 3: Composition/information on ingredients

3.2 Mixtures

- Tetrasodium N,N-Bis(carboxymethyl)-L-glutamate
CAS Number: 51981-21-6
EC Number: 257-573-7
Concentration: 1-10%
Categories: Met. Corr. 1
- sodium hydroxide; caustic soda
CAS Number: 1310-73-2
EC Number: 215-185-5
Concentration: 1-10%
Categories: Skin Corr. 1A
- Iso-Tridecanol Ethoxylate 7EO
CAS Number: 69011-36-5
EC Number: 931-138-8
Concentration: <5%
Categories: Eye Dam. 1, Aquatic Chronic 3
- Sodium Alkylamine Dicarboxylate
CAS Number: 90170-43-7
EC Number: 290-476-8
Concentration: <5%
Categories: Eye Dam. 1
- Sodium xylene sulphonate
CAS Number: 1300-72-7
EC Number: 215-090-9
Concentration: <5%
Categories: Eye Irrit. 2

SECTION 4: First aid measures

4.1 Description of first aid measures

- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P363 - Wash contaminated clothing before reuse.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes, skin and mucous membranes
- May cause irritation

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 4: First aid measures (....)

- If substance has got into eyes, immediately wash out with plenty of water
 - P101 - If medical advice is needed, have product container or label at hand.
 - Seek medical attention if irritation persists
 - P301+P312 - IF SWALLOWED: Call a POISON CENTRE/doctor/ if you feel unwell.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
 - Water extinguishers may cause frothing
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SECTION 6: Accidental release measures

Spillage causes slippery surface

6.1 Personal precautions, protective equipment and emergency procedures

- Spillage causes slippery surface
- Shut off source of leak if safe to do so
- Wear protective clothing as per section 8
- Remove contaminated clothing

6.2 Environmental precautions

- P273 - Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- P390 - Absorb spillage to prevent material damage.
- Ventilate the area and wash spill site after material pick-up is complete
- P390 - Absorb spillage to prevent material damage.

6.4 Reference to other sections

- See Section 3,8 & 13
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Proper chemicals handling procedures should be adopted
 - P362 - Take off contaminated clothing.
 - Wash hands thoroughly after using this substance
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
 - P363 - Wash contaminated clothing before reuse.
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SECTION 7: Handling and storage (....)

7.2 Conditions for safe storage, including any incompatibilities

- P234 - Keep only in original packaging.
- P410 - Protect from sunlight.
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
- P405 - Store locked up.
- P406 - Store in a corrosion-resistant/... container with a resistant inner liner.
- Keep away from frost

7.3 Specific end use(s)

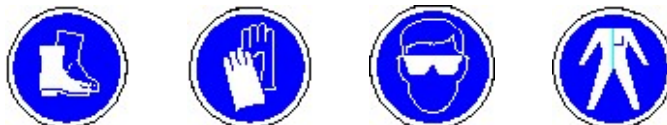
- No special requirements
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- No exposure limits have been set for this substance

8.2 Exposure controls



- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: yellow, clear, mobile, Liquid
- Odour: Characteristic odour
- pH: pH 13.1 at 12.5 % concentration
- Specific Gravity: 1.110
- Solubility in water: Completely soluble in water
- Flashpoint: Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Viscosity: Not applicable

9.2 Other information

- Volatile Organic Compound Content VOC Free - 0%
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SECTION 10: Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Chemical stability

- This article is considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

SECTION 10: Stability and reactivity (....)

- Keep away from frost

10.5 Incompatible materials

- Incompatible with acid
- Incompatible with oxidizing substances

10.6 Hazardous decomposition products

- No hazardous decomposition products known
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

- No information available
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SECTION 12: Ecological information

12.1 Toxicity

- On available data, substance is not harmful to aquatic life

12.2 Persistence and degradability

- Biodegradable

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- Completely soluble in water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other adverse effects

- On available data, substance is not harmful to the environment
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Do not empty into drains
 - Do not pierce or burn container, even after use
 - Do not reuse empty containers without commercial cleaning or reconditioning
 - P501 - Dispose of contents/container to
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SECTION 14: Transport information

14.1 UN number

- UN No.: 3266

14.2 Proper Shipping Name

SECTION 14: Transport information (....)

- Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.

14.3 Transport hazard class(es)

- Hazard Class: 8

14.4 Packing group

- Packing Group: III

14.5 Environmental hazards

- Presents little or no hazard to the environment

14.6 Special precautions for user

- Transport Regulations apply as indicated in previous section

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable
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SECTION 15: Regulatory information

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

- This Safety Data Sheet is provided in compliance with The Chemicals (Hazard Information and Packaging) Regulations
- Refer to current The Safety Data Sheets Directive (91/155/EC)
- Refer to current The Safety Data Sheets Directive (2001/58/EC)
- Refer to current The Dangerous Preparations Directive (88/379/EEC)
- Refer to Environmental Protection Act
- Refer to The Workplace Directive (89/654/EEC)
- The COSHH Regulations apply in the UK
- The CPL Regulations apply in the UK

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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SECTION 16: Other 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.

--- end of safety datasheet ---
