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1. Section 1. Identification of the substance/mixture and of the company/undertaking:

- 1.1. Product identifier : **SCREEN WASH - R 34700**
- 1.2. Relevant identified uses of the substance or mixture Summer concentrate for windscreen washers and uses advised against:
- 1.3. Details of the supplier of the safety data sheet:
Identification of manufacturer/Supplier:
RETECH, s.r.o.
Vackova 1541/4
150 00 Praha-5 Stodůlky
Telephone/Fax: +420 327 596 128, +420 327 596 428
Information: info@retech.cz
- 1.4. Emergency telephone number:
RETECH Suchdol 212, Suchdol u Kutné Hory
Tel.+420 327 596 128 (7.30-16.00 hour)
Toxicology information number, Na bojišti 1, 128 08 PRAHA 2
Tel. +420 224 919 293, +420 224 915 402 (24 hours a day)

2. Section 2. Hazard identification:

- The product is labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
The classification is in line with current EC lists, It is expanded, however, by information from technical literature and by information furnished by supplier companies.
- 2.1. Classification of the substance or mixture:
Classification according to Regulation (EC) No 1272/2008:
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.
- Classification according to Directive 67/548/EEC or Directive 1999/45/EC:
Xi- Irritant R36/38 Irritating to eyes and skin.
- 2.2. Label elements:
Labelling according to Regulation (EC) No 1272/2008:
GHS07

WARNING
H315 Causes skin irritation.
H319 Causes serious eye irritation.
- Labelling according to Directive 1999/45/EC:
Xi

Irritant
R36/38 Irritating to eyes and skin.
- Special labeling of certain preparations: Not.
- 2.3. Other hazards:
Results of PBT and vPvB assessment:
PBT: Not applicable
vPvB: Not applicable

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3. Section 3. Composition/information on ingredients:

3.2. Mixtures:

Mixture of the substances listed below with harmless additions.

Dangerous components:

CAS: 61788-90-7 EINECS: 263-016-9	Amines, coco alkyldimethyl, N-oxides R 36/38	35-60%
CAS: 4292-10-8 EINECS: 224-292-6	(carboxymethyl)dimethyl-3-[(1-oxododecyl)amino] propylammonium hydroxide R 36/38	5-25%
CAS: 5064-31-3 EINECS: 225-768-6	Trisodium-nitritotriacetate Xn R22-40; Xi R36 GHS08 Carc. 2, H351; GHS07 Acute Tox. 4, GHS07 H302; Eye Irrit. 2, H319	<5%

Additional information: For the wording of the listed risk phrases refer to section 16.

< 30% Amphoteric surfactants, 5-15% anionic surfactants, < 5% NTA (nitrioloacetic acid) and salts thereof, Perfumes, colourant.

4. Section 4. First aid measures:

4.1. Description of first aid measures:

After inhalation: Supply fresh air; consult doctor in case of symptoms.

After skin contact: Promptly remove clothing if soaked through. Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water, consult doctor.

After swallowing: Wash out mouth with water and seek medical advice. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5. Section 5. Fire fighting measures:

5.1. Extinguishing media:

Suitable extinguishing agents: This material is not flammable.

For safety reasons unsuitable extinguishing agents: Void

5.2. Special hazards arising from the substance or mixture: Void

5.3. Advice for firefighters: Void

6. Section 6. Accidental release measures:

6.1. Personal precautions, protective equipment and emergency procedures:

Keep unprotected persons away. Wear protective equipment see Section 8.2.

6.2. Environmental precautions:

Do not allow to reach sewage system or any water course. Avoid expansion to large areas.

6.3. Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Small quantities can be flushed away by large amount of water. Recommended dilution rate 1:1000. Dispose of contaminated material as waste according to Section 13.

6.4. Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment

See Section 13 for disposal information.

7. Section 7. Handling and storage:

7.1. Information for safe handling:

Prevent freezing the product. Avoid contact with eyes.

Information about protection against explosions and fires:

No special measures required.

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- 7.2. Conditions for safe handling, including any incompatibilities:
Requirements to be met by storerooms and containers: Keep in dry, ventilated storage and closed containers.
Information about storage in one common storage facility: Do not store together with strong oxidizing agents.
Further information about storage conditions: Storage temperature >5°C
- 7.3. Specific end use(s): No further relevant information available.

8. Section 8. Exposure controls and personal protection:

- 8.1 Control parameters:
Components with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- 8.2 Exposure controls:
Eye protection: Safety goggles
Breathing equipment: Not required, but ensure adequate ventilation when using the product. Use suitable respiratory protective device in case of insufficient ventilation.
Protection of hands: PVC protective gloves
Protection of skin: Protective working clothes.
- 8.3. General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals. Wash hand after each work period and before eating.

9. Section 9. Physical and chemical properties:

- 9.1. Information on basic physical and chemical properties:
- | | |
|---|---------------------------|
| Appearance: | Liquid |
| form: | Aerosol |
| colour: | Yellow |
| Odour threshold: | Aromatic |
| Value pH: | Not determined |
| Melting point/freezing point: | cca 0°C |
| Initial boiling point/boiling range: | 100°C |
| Flash point: | Not determined |
| Evaporation rate: | Not applicable |
| Flammability (solid,gas): | Not applicable |
| Explosive properties: | Product is not explosive. |
| Upper/lower flammability or explosive limits: | |
| Explosion limits: lower (% Vol): | - |
| upper (% Vol): | - |
| Vapour pressure (at 20°C): | Not determined |
| Vapour density (at 20 °C): | Not determined |
| Relative density: | 1.1 g/cm ³ |
| Solubility in/miscibility with
- water | Miscible |
| Partition coefficient (n-octanol/water): | Not determined |
| Auto-ignition temperature: | Not determined |
| Decomposition temperature: | Not determined |
| Viscosity: | Not determined |
- 9.2. Other information: -

10. Section 10. Stability and reactivity:

- 10.1. Reactivity: No further relevant information available.
10.2. Chemical stability: Product can decompose after cooling under 5°C.
10.3. Possibility of hazardous reactions: Strong oxidizing agents.
10.4. Conditions to avoid: No further relevant information available.

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Xi - Irritant

Numbers and word reading associated hazard R-sentences :

R 36/38 Irritating to eyes and skin.

Numbers and word reading associated security S-sentences:

S 2 Keep out of the reach children.

S 24/25 Avoid contact with skin and eyes.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

S 46 If swallowed, seek medical advice immediately and show this container or label.

Labelling (up to 125 ml):

Labelling hazardousness: Xi

R-sentences R41

S-sentences: S2-26-46

Used legislation:

European Regulation (EC) No 1907/2006 – REACH.

Commission Regulation (EU) No 453/2010.

European Regulation No 67/548EEC and 1999/45/EC.

Commission Regulation (EC) No 1272/2006 – CLP.

Commission Regulation (EC) No 790/2009.

Regulation (EC) No 648/2004 (detergents).

15.2. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Section 16. Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relative R+H phrases:

R 22 Harmful if swallowed.

R 36 Irritating to eyes.

R 36/38 Irritating to eyes and skin.

R 38 Irritating to skin.

R 40 Possible risks of irreversible effects.

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

H 351 Suspected of causing cancer.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International

Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

WEL- Workplace exposure limits

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

***Compared to the last version the data has been changed.**