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

- **1.1 Product identifier**
  - **Trade name:** Screen Wash Anti-Insect

- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
  - **Sector of Use**
    - SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
    - SU21 Consumer uses: Private households / general public / consumers
    - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
  - **Application of the substance / the mixture**
    - Cleaning material/ Detergent

- **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:** Kroon Oil BV
  - Dollegoorweg 15
  - NL-7602 EC ALMELO
  - Tel.: +0031 -(0)546-818165

- **Further information obtainable from:**
  - Product safety department - vib@kroon-oil.nl

- **1.4 Emergency telephone number:**
  - +31 (0)546 818165 (9 AM to 4 PM, Monday to Friday)
  - NL - National Poison Information Centre (NVIC): Tel.nr.: +31 30 - 2748888 - Only for the purpose of informing medical personnel in case of acute intoxications.

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
  - **Classification according to Regulation (EC) No 1272/2008**
    - The product is not classified according to the CLP regulation.

- **2.2 Label elements**
  - **Labelling according to Regulation (EC) No 1272/2008**
    - Void
  - **Hazard pictograms**
    - Void
  - **Signal word**
    - Void
  - **Hazard statements**
    - Void
  - **2.3 Other hazards**

- **4.1 Description of first aid measures**
  - **General information:**
    - No special measures required.
  - **After inhalation:**
    - Supply fresh air; consult doctor in case of complaints.
  - **After skin contact:**
    - Generally the product does not irritate the skin.
  - **After eye contact:**
    - Rinse opened eye for several minutes under running water.
  - **After swallowing:**
    - Do not induce vomiting; call for medical help immediately.

- **4.2 Most important symptoms and effects, both acute and delayed**
  - No further relevant information available.

(Contd. on page 2)
SECTION 5: Firefighting measures

- 5.1 Extinguishing media
  - Suitable extinguishing agents: CO2, dry chemical, or foam. Water can be used to cool and protect exposed material.
- 5.2 Special hazards arising from the substance or mixture
  - Formation of toxic gases is possible during heating or in case of fire.
- 5.3 Advice for firefighters
  - Protective equipment: Wear self-contained respiratory protective device.
  - Wear fully protective suit.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
  - Wear protective clothing.
- 6.2 Environmental precautions:
  - Dilute with plenty of water.
  - Do not allow to enter sewers/surface or ground water.
- 6.3 Methods and material for containment and cleaning up:
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- 6.4 Reference to other sections
  - No dangerous substances are released.
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling
  - No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities
- 7.3 Specific end use(s)
  - Store only in the original receptacle.
  - Not required.
  - Store in cool, dry conditions in well sealed receptacles.
  - No further relevant information available.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters
  - Ingredients with limit values that require monitoring at the workplace:
    | CAS Number | Limit Values |
    |-------------|--------------|
    | 141-43-5 2-aminoethanol | Short-term value: 7.6 mg/m³, 3 ppm |
    |                       | Long-term value: 2.5 mg/m³, 1 ppm |
  - Additional information:
    - The lists valid during the making were used as basis.
- 8.2 Exposure controls
  - Personal protective equipment:
    - General protective and hygienic measures: Wash hands before breaks and at the end of work. Not required.
    - Respiratory protection: Not required.
    - Protection of hands: Wear gloves for the protection against chemicals according to EN 374.
  - Material of gloves
    - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material ...
Trade name: Screen Wash Anti-Insect

Penetration time of glove material

For continuous contact we recommend gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes where suitable gloves can be identified. For short-term/splash protection we recommend the same, but recognise that suitable gloves offering this level of protection may not be available and in this case a lower breakthrough time may be acceptable so long as appropriate maintenance and replacement regimes are followed. Glove thickness is not a good predictor of glove resistance to a chemical as it is dependent on the exact composition of the glove material. Breakthrough time may be acceptable so long as appropriate maintenance and replacement regimes are followed. Glove thickness is not a good predictor of glove resistance to a chemical as it is dependent on the exact composition of the glove material.

Eye protection:

Goggles recommended during refilling.

Body protection:

Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- **Appearance:**
  - Form: Liquid
  - Colour: Coloured
  - Odour: Characteristic

- **pH-value at 20 °C:** 6-9

- **Initial boiling point and boiling range:** 100 °C

- **Flash point:** >60 °C

- **Flammability (solid, gas):** Not applicable.

- **Auto-ignition temperature:** Product is not selfigniting.

- **Explosive properties:**
  - Lower: Not determined.
  - Upper: Not determined.

- **Density at 20 °C:** 1.032 g/cm³

- **Solubility in / Miscibility with water:** Fully miscible.

- **Partition coefficient: n-octanol/water:** Not determined.

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

- **Reactivity:** No further relevant information available.

- **Possibility of hazardous reactions:** Reacts with strong oxidising agents.

- **Conditions to avoid:** No further relevant information available.

- **Incompatible materials:** No further relevant information available.

- **Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- **Acute toxicity:** Based on available data, the classification criteria are not met.

- **Primary irritant effect:** Based on available data, the classification criteria are not met.

- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.

- **Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.

- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):**
  - Germ cell mutagenicity: Based on available data, the classification criteria are not met.
  - Carcinogenicity: Based on available data, the classification criteria are not met.
  - Reproductive toxicity: Based on available data, the classification criteria are not met.
  - STOT-single exposure: Based on available data, the classification criteria are not met.
SECTION 12: Ecological information

12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- Other information: The product is not easily biodegradable.

12.2 Persistence and degradability
- No further relevant information available.

12.3 Bioaccumulative potential
- No further relevant information available.

12.4 Mobility in soil
- No further relevant information available.

12.5 Ecotoxicological effects
- Remark: This material is not expected to be harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

12.6 Other adverse effects
- No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
- Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

13.6 Other adverse effects
- Uncleaned packaging:
  - Recommendation: Disposal must be made according to official regulations.
  - Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN-Number
- ADR/ADN, ADN, IMDG, IATA: Void

14.2 UN proper shipping name
- ADR/ADN, ADN, IMDG, IATA: Void

14.3 Transport hazard class(es)
- ADR/ADN, ADN, IMDG, IATA: Void

14.4 Packing group
- ADR/ADN, IMDG, IATA: Void

14.5 Environmental hazards:
- Marine pollutant: No

14.6 Special precautions for user
- Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
- Not applicable.

14.8 UN "Model Regulation":
- Void

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances
  - Annex I: None of the ingredients is listed.
- National regulations:
  - Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases
  H302 Harmful if swallowed.
  H312 Harmful in contact with skin.
  H314 Causes severe skin burns and eye damage.
  H332 Harmful if inhaled.
  H335 May cause respiratory irritation.

· Department issuing SDS: Product safety department.

· Contact: Product safety department.

· Abbreviations and acronyms:
  RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  ICAO: International Civil Aviation Organisation
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  Acute Tox. 4: Acute toxicity – Category 4
  Skin Corr. 1B: Skin corrosion/irritation – Category 1B
  STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· Sources
  * Data compared to the previous version altered.