Stromme Color White FC

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

1.1 Product identifier
- Trade name: Stromme Color White FC

1.2 Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the mixture: Dyestuff/Colouring agent

1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier: SevenSeas
  Strandveien 55,
  1366 Lysaker, Norway
  www.stromme.com
  phone: +47 67526060
  Informing department:
  Ane Fosseng
  General Manager - Norway
  SevenSeas
  D +47 67526060
  M +47 99595911
  F +47 67526050
  ane.fosseng@stromme.com

1.4 Emergency telephone number:
- Gift-Informationszentrum Nord, Göttingen
  Poison Information Center, Göttingen
  Tel.: +49 (0)551 19240
  (German and English only)

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
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.
Stromme Color White FC

SECTION 3: Composition/information on ingredients

- 3.2 Chemical characterisation: Mixtures
  - Description: Mixture of the substances listed below including additives not requiring identification.
  - Dangerous components: Void
  - Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- 4.1 Description of first aid measures
  - General information: Instantly remove any clothing contaminated by the product.
    - After inhalation
      Supply fresh air.
      In case of persistent symptoms consult doctor.
    - After skin contact
      Rinse with water. Wash with water and soap.
    - After eye contact
      Keep eye lids open and rinse them with ample amounts of clean running water for at least 15 minutes.
      Call a doctor immediately.
  - After swallowing
    Rinse out mouth and then drink plenty of water.
    Do not induce vomiting; instantly call for medical help.
  - 4.3 Indication of any immediate medical attention and special treatment needed
    No further relevant information available.
  - Information for doctor

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
  - Suitable extinguishing agents
    CO2, extinguishing powder or water spray. Fight larger fires with water spray.
  - For safety reasons unsuitable extinguishing agents
    Not applicable.
- 5.2 Special hazards arising from the substance or mixture
  Under certain fire conditions, traces of other toxic gases cannot be excluded, e.g.:
  - Carbon monoxide (CO)
  - Hydrogen chloride (HCl)
  - Nitrogen oxides (NOx)
- 5.3 Advice for firefighters
  - Protective equipment:
    In case of fire wear breathing equipment being independent of ambient air and suit provided full protection against chemicals.
  - Additional information
    Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
  Avoid contact with the product.
  Ensure adequate ventilation.
  Wear protective equipment. Keep unprotected persons away.
  Particular danger of slipping on leaked/spilled product.

(Contd. on page 3)
SELECTION 7: Handling and storage

- 7.1 Precautions for safe handling
  Avoid contact with eyes and skin.
  Prevent formation of aerosols.
  Information about protection against explosions and fires: No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities
- Storage
  Requirements to be met by storerooms and containers:
  Store only in unopened original containers.
  Information about storage in one common storage facility: Not required.
  Further information about storage conditions:
  Protect from frost.
  Store in cool, dry conditions in well sealed containers.
  Protect from heat and direct sunlight.
- 7.3 Specific end use(s) No further relevant information available.

SELECTION 8: Exposure controls/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.
  Additional information: The lists that were valid during the compilation were used as basis.
- 8.2 Exposure controls
- Personal protective equipment
  General protective and hygienic measures
  The usual precautionary measures should be adhered to general rules for handling chemicals.
  Do not eat, drink or smoke while working.
  Take off all contaminated clothing immediately.
  Wash hands during breaks and at the end of the work.
  Avoid contact with the eyes and skin.
  Breathing equipment: Not required.
  Protection of hands:
  Protective gloves.
  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
  Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

(Contd. from page 2)

(Contd. on page 4)
**Material of gloves**
Natural rubber, i.e. Lapren 706 from company KCL, Email: Vertrieb@kcl.de
Recommended thickness of the material: ≥ 0.6 mm

**Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**For the permanent contact gloves made of the following materials are suitable:**
Nitrile rubber, NBR
Time for penetration: > 480 min.

**Eye protection:** Safety glasses

**Body protection:** Light weight protective clothing

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
  - **General Information**
  - **Appearance:**
    - Form: Fluid
    - Colour: White
  - Odour: Characteristic
  - Odour threshold: Not determined.
  - **pH-value at 20 °C:** ca. 8-9
  - **Change in condition**
    - Melting point/Melting range: Not determined
    - Boiling point/Boiling range: ca. 100 °C
  - **Flash point:** Not applicable
  - **Inflammability (solid, gaseous):** Not applicable.
  - **Ignition temperature:** Not determined.
  - **Decomposition temperature:** Not determined.
  - **Self-inflammability:** Product is not selfigniting.
  - **Danger of explosion:** Product is not explosive.
  - **Critical values for explosion:**
    - Lower: Not determined.
    - Upper: Not determined.
  - **Vapour pressure:** Not determined.
  - **Density at 20 °C:** ca. 1.79 g/cm³
  - **Relative density:** Not determined.
  - **Vapour density:** Not determined.
  - **Evaporation rate:** Not determined.
  - **Solubility in / Miscibility with Water:** Fully miscible
  - **Partition coefficient (n-octanol/water):** Not determined.
  - **Viscosity:**
    - dynamic at 20 °C: 200-500 mPas
    - kinematic: Not determined.
  - **9.2 Other information:** No further relevant information available.
SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
  - Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 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:**
    - 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** Sensitive persons can possibly have allergic reactions. This is also valid below the fixed levels of exposure.
  - **Sensitisation** Sensitive persons can possibly have allergic reactions.
  - **CMR effects (carcinogenicity, 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.
    - **STOT-repeated exposure** Based on available data, the classification criteria are not met.
  - **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
  - **Aquatic toxicity:** No further relevant information available.
  - **12.2 Persistence and degradability** No further relevant information available.
  - **Other information:** There are no data available about the preparation.
  - **12.3 Bioaccumulative potential** No further relevant information available.
  - **12.4 Mobility in soil** No further relevant information available.
  - **Additional ecological information:**
    - **AOX-indication:**
    - **Remark:**
      - The products do not contain NTA (nitrilotriacetic acid) and EDTA (ethylenediaminetetraacetic acid) and also no adsorbable organic halogen compounds (AOX), nitrates, heavy metal compounds and formaldehyde.
      - **General notes:**
        - Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
        - Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
  - **12.5 Results of PBT and vPvB assessment**
    - **PBT:** Not applicable.
    - **vPvB:** Not applicable.
  - **12.6 Other adverse effects** No further relevant information available.
SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
  - Recommendation
  Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
  Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

- Uncleaned packaging:
  - Recommendation:
  Dispose of packaging according to regulations on the disposal of packagings.
  Non contaminated packagings can be used for recycling.
  Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

- Recommended cleaning agent: Water, if necessary with cleaning agent.

SECTION 14: Transport information

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

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

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

- 14.4 Packing group
  - ADR, 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.

- Transport/Additional information:
  Not dangerous according to the above specifications.

- IMDG
  - Remarks:
  The product is not hazardous to the marine environment (NOT-HME) as per ghs criteria.
  Stromme Color White FC meets the requirements for the protection of the marine environment, as described in Annex V of the MARPOL 73/78 item 1.7.5.

- UN "Model Regulation":
  Void

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Labelling according to Regulation (EC) No 1272/2008
  Void
- Hazard pictograms
  Void
- Signal word
  Void

(Contd. on page 7)
**Stromme Color White FC**

**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.

- **Department issuing data specification sheet:**
  This Material Safety Data Sheet has been drawn up in cooperation with:
  DEKRA Assurance Services GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,
  phone: (+49) 511 42079 - 0, reach@dekra.com.
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- **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)
  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)
  LD50: Lethal dose, 50 percent
  PBT: Persistent, Bioaccumulative and Toxic
  SVHC: Substances of Very High Concern
  vPvB: very Persistent and very Bioaccumulative
  DNEL: Derived No-Effect Level (REACH)
  PNEC: Predicted No-Effect Concentration (REACH)
  LC50: Lethal concentration, 50 percent

- **Data compared to the previous version altered.**

(Contd. from page 6)