

# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 78052 Vulpex Liquid Soap

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Revised edition: 25.04.2012

Version: 1

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### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

Product Name: Vulpex Liquid Soap

Article No.: 78052

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:

Cleaning agent

Uses advised against:

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.de

EMail: info@kremer-pigmente.de

Importer: --

#### 1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

Classification according to EC  
Regulation 1272/2008

H315 Skin irritation, hazard category 2  
Cat.: 2  
H319 Eye irritation, category 2  
Cat.: 2  
Causes skin irritation.  
Causes serious eye irritation.

Classification according to EC  
Regulation No. 67/548 or No. 1999/45

The material is not subject to classification according to EC lists.  
Irritating (Xi) R36 Irritating to eyes.  
Irritating (Xi) R38 Irritating to skin.

Safety Phrases:

Possible Environmental Effects:

See Section 12.

#### 2.2. Label Elements

Classification according to EC  
Regulation 1272/2008

Hazard designation:

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GHS07-1

*Signal word:*

Warning

*Hazard designation:*

H315

Causes skin irritation.

H319

Causes serious eye irritation.

*Safety designation:*

P305+P351+P338

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing.

*Hazardous components for labelling:*

### 2.3. Other Hazards

## 3. Composition/Information on Ingredients

### 3.1. Substance

### 3.2. Mixture

*Chemical Characterization:*

Aqueous potassium methyl cyclohexyl oleate solution (Xi; R36/38; Skin Irrit. 2, Eye Irrit. 2; H315-H319): 100 %

*Hazardous Ingredients:*

*Additional information:*

## 4. First Aid Measures

### 4.1. Description of the First Aid Measures

*General information:*

Take affected persons out into the fresh air.

*After inhalation:*

Supply fresh air.

In case of complaints consult a physician.

*After skin contact:*

Remove contaminated clothing immediately.

Wash off with warm water.

In case of skin irritation consult physician.

*After eye contact:*

Rinse open eye for several minutes under running water.

Consult a physician.

*After ingestion:*

Do not induce vomiting. Consult physician immediately.

Drink plenty of water.

### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

No further information available.

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### Effects:

#### 4. 3. Indication of any Immediate Medical Attention and special Treatment needed

##### Treatment:

*Treat symptomatically.*

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### 5. Fire-Fighting Measures

#### 5. 1. Extinguishing Media

##### Suitable extinguishing media:

*Foam, carbon dioxide (CO<sub>2</sub>), extinguishing powder, water spray.*

##### Unsuitable extinguishing media:

*None known.*

#### 5. 2. Special Hazards arising from the Substance or Mixture

##### Special hazards:

*Do not inhale fumes.*

#### 5. 3. Advice for Firefighters

##### Protective equipment:

*Wear self-contained respiratory protective device and full protective gear.*

##### Further information:

*Cool exposed containers with water spray.*

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### 6. Accidental Release Measures

#### 6. 1. Personal Precautions, Protective Equipment and Emergency Procedures

##### Personal precautions:

*Wear protective clothing.*

*Do not inhale aerosol/fumes/vapors.*

*Ensure adequate ventilation.*

#### 6. 2. Environmental Precautions

##### Environmental precautions:

*Prevent contamination of soil, drains and surface waters.*

#### 6. 3. Methods and Material for Containment and Cleaning Up

##### Methods and material:

*Contain with absorbent material (sand, diatomaceous earth, acid binder, universal absorbent) and dispose accordingly.*

#### 6. 4. Reference to other Sections

*See Section 13 for information on disposal.*

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### 7. Handling and Storage

#### 7. 1. Precautions for Safe Handling

##### Instructions on safe handling:

*Do not inhale vapors or mist.*

*Provide adequate ventilation.*

##### Hygienic measures:

*Avoid contact with eyes and skin.*

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*Do not eat or drink during work. Do not smoke.*

### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Store in tightly sealed containers in a cool and well ventilated location.*

*Protect product from direct sunlight.*

*Requirements for storage areas and containers:*

*Store product in closed containers.*

*Information on fire and explosion protection:*

*Do not store together with ignitable sources, heat and fire.*

*Do not store together with: strong acids.*

*Do not store together with: oxidants.*

*Precautionary measures in reference to the general rules concerning fire prevention.*

*Storage class (VCI):*

*Further Information:*

### 7.3. Specific End Use(s)

*Further information:*

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## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*Potassium hydroxide (CAS 1310-58-3): 2 mg/m<sup>3</sup> (STEL; 15 min)*

*Parameters to be controlled (EC):*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation/exhaust system.*

*Personal Protection*

*General protective measures:*

*Remove contaminated clothing immediately.*

*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.*

*Respiratory protection:*

*If significant mists or aerosols are generated and mechanical ventilation is not available then use a respirator with filter type P (EN 14387, EN 149).*

*Hand protection:*

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### Protective gloves (EN 374)

*Protective glove material:*

*Nitrile rubber (NBR), polyethylene, polyvinyl chloride (PVC) (> 480 min).*

*Eye protection:*

*Safety glasses with protective shields (EN 166).*

*Body protection:*

*Protective clothing.*

*Environmental precautions:*

*Prevent from getting into the soil, surface water and sewage system.*

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## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

*Form:* *liquid*

*Color:* *opaque*

*Odor:* *menthol*

*Odor threshold:*

*No information available.*

*pH-Value:* *11 - 12*

*Melting temperature:*

*not determined*

*Boiling temperature:* *> 100°C*

*Flash point:* *> 61°C*

*Evaporation rate:*

*No information available.*

*Flammability (solid, gas):*

*not flammable*

*Upper explosion limit:*

*no information available*

*Lower explosion limit:*

*no information available*

*Vapor pressure:*

*not determined*

*Vapor density:*

*No information available.*

*Density:* *1.02 g/cm<sup>3</sup>*

*Solubility in water:* *miscible*

*Coefficient of variation (n-Octanol/Water):*

*not determined*

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*Auto-ignition temperature:*

*No information available.*

*Decomposition temperature:*

*No data available.*

*Viscosity, dynamic:*

*not available*

*Explosive properties:*

*not applicable*

*Oxidizing properties:*

*no information available*

*Bulk density:*

### 9.2. Further Information

*Solubility in solvents:*

*Soluble in organic solvents.*

*Viscosity, kinematic*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

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### 10. Stability and Reactivity

#### 10.1. Reactivity

*No decomposition if used according to specifications.*

#### 10.2. Chemical Stability

*Stable if used according to specifications.*

#### 10.3. Possibility of Hazardous Reactions

*None if handled and stored according to specifications.*

#### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid direct sunlight.*

*Avoid heat, open fire and other ignition sources.*

*Thermal decomposition:*

#### 10.5. Incompatible Materials

*Oxidizing agents.*

*Strong acids.*

#### 10.6. Hazardous Decomposition Products

*None if stored and handled according to specifications.*

#### 10.7. Further Information

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### 11. Toxicological Information

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### 11. 1. Information on Toxicological Effects

*Acute Toxicity*

*No information available.*

*LD50, oral:*

*LD50, dermal:*

*LC50, inhalation:*

*Primary effects*

*Irritant effect on skin:*

*Classified as a skin irritant (in accordance with Part 3.2.3.1.2 of Annex I of the CLP Regulations).*

*Irritant effect on eyes:*

*Classified as an eye irritant (in accordance with Part 3.2.3.1.2 of Annex I of the CLP Regulations).*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No information available.*

*Mutagenicity:*

*No data available.*

*Reproductive toxicity:*

*No information available.*

*Cancerogenity:*

*IARC: No component of this product present at levels greater than or equal to 0.1 % is identified as probable, possible or confirmed human carcinogen by IARC.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*No data available.*

*Additional toxicological information:*

*Inhalation: unlikely to cause harm or irritation if inhaled in any normal conceivable use.*

*Swallowing: may be harmful if swallowed.*

*Eye contact: causes serious eye irritation.*

*Skin contact: causes skin irritation.*

*Symptoms:*

*Eye contact: blurred vision, provokes tears, redness.*

*Swallowing: nausea, vomiting and severe gastric pain.*

*Skin contact: repeated or long-term contact with the product can cause skin irritation and dermatitis.*

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### 12. Ecological Information

#### 12. 1. Aquatic Toxicity

*Fish toxicity:*

*No data available.*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

#### 12. 2. Persistency and Degradability

*No information available.*

#### 12. 3. Bioaccumulation

*No information available.*

#### 12. 4. Mobility

*No information available.*

#### 12. 5. Results of PBT- und vPvP Assessment

*No data available.*

#### 12. 6. Other Adverse Effects

*Water hazard class:*

*1, slightly hazardous*

*Do not let run into surface waters, waste water or soil.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*No ecological problems expected.*

*AOX Value:*

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### 13. Disposal Considerations

#### 13. 1. Waste Treatment Methods

*Product:*

*Material is classified as hazardous waste under the Hazardous Waste Regulations 2005. Contact a licensed professional waste disposal service to dispose of this material.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Packaging may be disposed of in the same manner as the product.*

*Waste Code No.:*

---

### 14. Transport Information

#### 14. 1. UN Number

*ADR, IMDG, IATA*

#### 14. 2. UN Proper Shipping Name

*ADR/RID:*

*No hazardous goods according to ADR (land transportation).*

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IMDG/IATA:

*No hazardous goods according to IMDG.*

### 14. 3. Transport Hazard Classes

ADR Class:

*not applicable*

Hazard no.:

Classification code:

Tunnel no.:

IMDG Class (sea):

Hazard no.:

EmS No.:

IATA Class:

*not applicable*

Hazard no.:

### 14. 4. Packaging Group

ADR/RID:

*not applicable*

IMDG:

IATA:

### 14. 5. Environmental Hazards

*None*

### 14. 6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

### 14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

### 14. 8. Further Information

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## 15. Regulatory Information

### 15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

*1, slightly hazardous for water (self-assessment)*

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

### 15. 2. Chemical Safety Assessment

*A Chemical Safety Assessment has not yet been carried out for this product.*

### 15. 3. Further Information

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## 16. Other Information

*This product should be stored, handled and used in accordance  
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*with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*