

## SAFETY DATA SHEET STOCKHOLM TAR

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name	STOCKHOLM TAR
Chemical name	Tar, pine
Product No.	22005
CAS-No.	8011-48-1
EC No.	232-374-8

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

Identified uses Household, veterinary, pharmaceutical and industrial applications.

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.  
Human health Skin Sens. 1 - H317 Environment Not classified.

Classification (67/548/EEC)

R43.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### 2.2. Label elements

EC No. 232-374-8

Label In Accordance With (EC) No. 1272/2008



Signal Word Warning

Hazard Statements

H317 May cause an allergic skin reaction.

Precautionary Statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P262	Do not get in eyes, on skin, or on clothing.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P501a	Dispose of this material and its container to hazardous or special waste collection point

Supplementary Precautionary Statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P314	Get medical advice/attention if you feel unwell.
P363	Wash contaminated clothing before reuse.

#### 2.3. Other hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

Product name	STOCKHOLM TAR
CAS-No.	8011-48-1

EC No. 232-374-8

Composition Comments

Tar, pine 99.5% min

#### SECTION 4: FIRST AID MEASURES

##### 4.1. Description of first aid measures

Inhalation

General first aid, rest, warmth and fresh air. For breathing difficulties oxygen may be necessary. If respiratory problems, artificial respiration/oxygen. Get medical attention.

Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse nose, mouth and throat with water. Get medical attention.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

##### 4.2. Most important symptoms and effects, both acute and delayed

Inhalation

Vapours/mist may cause irritation of the upper respiratory system

Ingestion

May cause discomfort if swallowed.

Skin contact

Skin irritation.

Eye contact

May cause eye irritation.

##### 4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

#### SECTION 5: FIREFIGHTING MEASURES

##### 5.1. Extinguishing media

Extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

##### 5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Specific hazards Not known.

##### 5.3. Advice for firefighters

Special Fire Fighting Procedures

Use special protective clothing. Regular protection may not be safe. Keep run-off water out of sewers and water sources. Dike for water control.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

##### 6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8.

##### 6.2. Environmental precautions

Collect and dispose of spillage as indicated in section 13. Do not discharge into drains, water courses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb spillage with non-combustible, absorbent material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Wash thoroughly after dealing with a spillage.

### 6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

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## SECTION 7: HANDLING AND STORAGE

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### 7.1. Precautions for safe handling

Avoid inhalation of vapours/spray and contact with skin and eyes. Do not eat, drink or smoke when using the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place. Keep away from heat, sparks and open flame. Protect from light, including direct sunrays. Store away from: Oxidising material. Acids. Alkalis. Storage Class  
Chemical storage.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### 8.1. Control parameters

### 8.2. Exposure controls

Protective equipment



Process conditions

Use engineering controls to reduce air contamination to permissible exposure level.

Engineering measures

Provide adequate general and local exhaust ventilation.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand protection

Protective gloves are recommended.

Eye protection

Wear full-face visor or shield.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Wash contaminated clothing before reuse. Provide shower facilities near the work place. No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

Skin protection

Wear apron or protective clothing in case of contact.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Brown.
Odour	Characteristic.
Solubility	Slightly soluble in water.
Relative density	1.06 - 1.08 @ 15.5 deg C

Viscosity 240 -350 @ 60 deg C cP

Flash point (°C) 98 CC (Closed cup).

9.2. Other information

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**SECTION 10: STABILITY AND REACTIVITY**

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10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Not available.

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Strong acids.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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11.1. Information on toxicological effects

Acute toxicity:

Acute Toxicity (Oral LD50)

> 6000 mg/kg Rat

Germ cell mutagenicity:

Animal mutagenicity studies were negative.

Carcinogenicity:

No evidence of cancer in long term animal studies.

Inhalation

Vapour may irritate respiratory system or lungs.

Ingestion

May cause discomfort if swallowed.

Skin contact

Prolonged and frequent contact may cause redness and irritation. May cause sensitisation by skin contact.

Eye contact

Vapours/mist may cause irritation.

Specific effects

Excessive exposure may cause central nervous system effects, cardiopulmonary effects (metabolic acidosis) and kidney failure.

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**SECTION 12: ECOLOGICAL INFORMATION**

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Ecotoxicity

No data on possible environmental effects have been found.

#### 12.1. Toxicity

Acute Fish Toxicity  
No data available.

#### 12.2. Persistence and degradability

Degradability  
The product is biodegradable.

#### 12.3. Bioaccumulative potential

Bioaccumulative potential  
No data available on bioaccumulation.

#### 12.4. Mobility in soil

Mobility:  
The product has poor water-solubility.

#### 12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

#### 12.6. Other adverse effects

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### SECTION 13: DISPOSAL CONSIDERATIONS

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#### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

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### SECTION 14: TRANSPORT INFORMATION

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General Not regulated.

#### 14.1. UN number

#### 14.2. UN proper shipping name

#### 14.3. Transport hazard class(es)

#### 14.4. Packing group

#### 14.5. Environmental hazards

#### 14.6. Special precautions for user

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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### SECTION 15: REGULATORY INFORMATION

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

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

No chemical safety assessment has been carried out.

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**SECTION 16: OTHER INFORMATION**

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Revision Comments

This is first issue.

Revision Date                      12/05/2011

Revision                                1

SDS No.                                20219

Risk Phrases In Full

R43                                        May cause sensitisation by skin contact.

Hazard Statements In Full

H317                                        May cause an allergic skin reaction.

Disclaimer

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.