

## EC safety data sheet

according to Regulation (EC) No. 1907/2006

### Steam & Clean cleaning distillate

Printing date: 11/08/2015

Material number: 02-002

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

### 1.1. Product identifier

Steam & Clean cleaning distillate

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

#### Use of the substance / mixture

Cleaning distillate for model railways

#### Uses advised against

We do not have information about this right now.

### 1.3. Details of the supplier who provides the safety data sheet

Company name:	Hoebink cleaning agents GmbH		
Road:	Spatzenweg 64		
Place:	D-48282 Emsdetten		
Phone:	02572 96043-0	Fax:	02572 96043-29
E-mail:	info@novadur.de		
Contact Person:	Michael Hoebink	Telephone:	02572/960430
E-mail:	info@novadur.de		
Internet:	www.novadur.de		
Information department:	Product safety		

**1.4. Emergency number:** + 49 (0) 361-730730 (day and night)

## SECTION 2: Hazards Identification

### 2.1. Classification of the substance or mixture

Classification according to Directive 67/548 / EEC or 1999/45 / EC

Indications of danger: Xn - Harmful R-phrases:

Harmful: may cause lung damage if swallowed. Repeated contact can lead to rough or cracked skin.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard categories:

Aspiration hazard: Asp. 1

Hazard warnings:

Can be fatal if swallowed and enters airways.

### 2.2. Label elements

#### Hazardous component (s) for labeling

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

Signal word: danger

Pictograms: GHS08



#### Hazard warnings

H304

Can be fatal if swallowed and enters airways.



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## safety instructions

- P101 If medical advice is needed, have container or label ready. Keep out of the reach of children.
- P102
- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER / doctor. DO NOT induce vomiting.
- P331
- P405 Store locked up.

**2.3. Other dangers**

not specified

**SECTION 3: Composition / information on ingredients****3.2. Mixtures**

## chemical characterization

Ingredients according to EC recommendation:&gt; 30% aliphatic hydrocarbons.

## Hazardous ingredients

EC no.	designation	proportion of
CAS no.	Classification according to Directive 67/548 / EEC	
Index no.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH no.		
920-901-0	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics Xn - Harmful R65-66	
		50-100%
	Asp. Tox. 1; H304	

Full text of R-, H- and EUH-phrases: see section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures General information**

Avoid contact with skin and eyes

## After inhalation

Provide fresh air.

## after skin contact

Not applicable.

## After eye contact

If the product gets into the eyes, rinse immediately with plenty of water with the eyelid wide open for at least 5 minutes. Then consult an ophthalmologist.

## After ingestion

Do not induce vomiting. Rinse out mouth thoroughly with water and give plenty of water to drink in small sips (dilution effect). Call a doctor immediately.

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

No data available.

**4.3. Indication of immediate medical attention or special treatment**

Symptomatic treatment.

**SECTION 5: Fire fighting measures****5.1. Extinguishing agent**

## Suitable extinguishing media

The product itself does not burn.

Co-ordinate fire-fighting measures to the environment.



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Unsuitable extinguishing media

Full water jet.

**5.2. Special hazards arising from the substance or mixture**Special exposure hazards from the substance itself, its products of combustion or resulting gases: Carbon dioxide (CO<sub>2</sub>), carbon monoxide.**5.3. Advice for firefighters**

In the event of fire: Use self-contained breathing apparatus.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency measures****Procedure** Avoid contact with skin and eyes.**6.2. Environmental protection measures**

No special actions required.

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

Wipe up spilled product with a rag.

**6.4. Reference to other sections**

See protective measures under point 8.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling Advice on safe handling**

Avoid contact with eyes.

**Advice on protection against fire and explosion Further**

No special fire protection measures are required.

**information on handling**

No special handling instructions are required.

**7.2. Conditions for safe storage, including any incompatibilities Requirements for storage rooms and containers**

Keep / store only in the original container.

**Advice on common storage**

Not mandatory.

Storage class according to TRGS 510:

12th

**7.3. Specific end uses**

Steam distillate for model railways

**SECTION 8: Exposure controls / personal protection****8.1. Control parameters Additional information on limit**

values

The lists valid during the creation were used as the basis.

**8.2. Exposure controls Appropriate engineering controls**

Does not contain any substances in quantities above the concentration limits for which an occupational exposure limit value has been established.

**Protective and hygiene measures**

Avoid contact with skin, eyes and clothes.



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**Eye / face protection**

Eye protection: not required.

**Hand protection**

Hand protection: not required.

**Body armor**

Body protection: not required.

**Respiratory protection**

Respiratory protection: not required

**Limitation and monitoring of the environmental exposition**

no limit.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

State of aggregation:	Liquid
Colour:	Water light
Odor:	Citrus

**Test standard**

pH value (at 20 ° C):

**Changes of state**

Initial boiling point and boiling range:

213 ° C

Flash point:

&gt; 62 ° C ASTM D 3278

Lower explosion limit:

0.6% by volume

Upper explosion limit:

7.0 vol%

Density (at 20 ° C):

0.77 g / cm<sup>3</sup> DIN 51757**9.2. Other Information**

Solid content:	Not determined
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**SECTION 10: Stability and reactivity****10.1. Reactivity**

No dangerous reactions known

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

None known in the intended area of use.

**10.4. Conditions to Avoid**

Protect from frost.

**10.5. Incompatible materials**

None known in the intended area of use.

**10.6. Hazardous decomposition products**

No decomposition if used properly.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

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#### acute toxicity

CAS no.	designation			
	Routes of exposure	method	dose	species
	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics orally			
		LD50	> 5000 mg / kg	rat
	dermal	LD50	> 5000 mg / kg	Rabbits

## SECTION 12: Ecological information

### 12.1. toxicity

CAS no.	designation			
	Aquatic toxicity	method	dose	[h]   [d] species
	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics			
	Acute fish toxicity	LC50	1000 mg / l	96 h Onchorhynchus mykiss
	Acute algae toxicity	ErC50	1000 mg / l	72 h Pseudokirchneriella subcapitata
	Acute crustacea toxicity	EC50	1000 mg / l	48 h Daphnia magna

### 12.2. Persistence and degradability

The surface-active substances contained in the product meet the requirements of EU detergents

Directive (EC / 648/2004) on the ultimate biodegradability of surfactants in detergents and cleaning agents.

### 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

### 12.4. Mobility in soil

The product has not been tested.

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

This substance does not meet the criteria for classification as PBT or vPvB.

### 12.6. Other harmful effects

There are no data available on the mixture itself.

#### More information

Do not allow undiluted product or large quantities of it to reach the groundwater, water course or sewage system.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods Waste code

#### product residues

200113 Municipal waste (household and similar commercial, industrial and facility waste), including separately collected fractions; Separately collected fractions (except 15 01); Solvent

Classified as hazardous waste.

#### Waste key for uncleaned packaging

200139 Municipal waste (household and similar commercial, industrial and facility waste), including separately collected fractions; Separately collected fractions (except 15 01); Plastics

## SECTION 14: Transport information



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## Land transport (ADR / RID)

## Other relevant information on land transport

Not hazardous according to these transportation regulations.

## Inland waterway transport (ADN)

## Other relevant information on inland waterway transport

Not hazardous according to these transportation regulations.

## Sea transport (IMDG)

## Other relevant information on sea transport

Not hazardous according to these transportation regulations.

## Air transport (ICAO)

## Other relevant information on air transport

Not hazardous according to these transportation regulations.

## 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

No

## 14.6. Special precautionary measures for the user

There are no data available on the mixture itself.

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

There are no data available on the mixture itself.

## SECTION 15: Regulatory Information

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

## EU regulations

## Additional information

EU regulations: Detergent and Cleaning Agents Act

Poison Information Ordinance (ChemGiftInfoVO): Technical rules for pressure vessels (TRB), Technical rules for compressed gases (TRG):

## National regulations

Water hazard class:

1 - slightly hazardous to water WGK

Status:

self-classification

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out for this substance.

## SECTION 16: Other information

## Wording of the R-phrases (number and full text)

65

Harmful: may cause lung damage if swallowed. Repeated contact can lead to rough or cracked skin.

66

## Wording of the H and EUH statements (number and full text) Further

H304

Can be fatal if swallowed and enters airways.

## information

The preparation is an agent for commercial use. We therefore assume specialist knowledge in the implementation of our application instructions. We are happy to provide further information. The information provided is based on the current state of our knowledge and the product in the delivery condition.

Our information is based on the sources of the most important data safety data sheets from our raw material suppliers.



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*(The data on the hazardous ingredients were taken from the most recent safety data sheet of the upstream supplier taken.)*