

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 04/13/2005

Reviewed on 04/13/2005

1 Identification of substance

- **Product details**

- **Trade name:** Release 1 OTC

- **Article number:** 83-307940

- **Application of the substance / the preparation**

- **Manufacturer/Supplier:**

Edoco
4226 Kansas Avenue
Kansas City, KS 66106

Tel.: (888) 287-5387

Emergency Telephone Number: Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S., Canada, or the U.S. Virgin Islands, call ChemTrec at (800) 424-9300, 24 hours a day. Or, outside these areas, call (703) 527-3887. Collect calls are accepted.

- **Information department:** Environmental, Health, and Safety department.

2 Composition/Data on components

- **Chemical characterization**

- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	50-75%
68476-34-6	Fuels, diesel, No 2	25-50%
61790-12-3	Distilled Tall Oil Fatty Acids	≤ 5%
95-63-6	1,2,4-trimethylbenzene	≤ 1%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

- **Hazard description:**

This product contains a material which shows limited evidence for carcinogenicity in animals and inadequate evidence in humans.

May cause eye and skin irritation. Prolonged contact may cause sensitization.

- **Information pertaining to particular dangers for man and environment:**

The product has to be labelled due to internationally acknowledged calculation procedures using the latest valid versions.

- **Classification system:**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **NFPA ratings (scale 0 - 4)**



Health = 1
Fire = 1
Reactivity = 0

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· **HMIS-ratings (scale 0 - 4)**

HEALTH	1
FIRE	1
PHYSICAL HAZARD	0

Health = 1

Fire = 1

Reactivity = 0

4 First-aid measures

· **After inhalation:**

Immediately move exposed person to fresh air. If breathing difficulty persists or develops get prompt medical attention.

· **After skin contact:**

Immediately flush with soap and water. If irritation persists or develops after washing seek medical attention.

· **After eye contact:** Immediately wash the eyes with large amounts of water, being sure to lift upper and lower lids.

· **After swallowing:** Do not induce vomiting; immediately call for medical help.

5 Fire-fighting measures

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

· **Protective equipment:**

Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

6 Accidental release measures

· **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.

· **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.

· **Measures for cleaning/collecting:**

Dispose of the collected material according to regulations.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

· **Handling:**

· **Information for safe handling:**

Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.

· **Information about protection against explosions and fires:** Protect from heat.

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** Store in a cool dry location.

· **Information about storage in one common storage facility:** Store away from incompatible materials.

· **Further information about storage conditions:** Keep receptacle tightly sealed.

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8 Exposure controls and personal protection

· Components with limit values that require monitoring at the workplace:

68476-34-6 Fuels, diesel, No 2

TLV	100 mg/m ³ as total hydrocarbons; Skin
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· **Additional information:** The lists that were valid during the creation were used as basis.

· Personal protective equipment:

· General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

· Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Eye protection:** Wear appropriate eye protection to prevent eye contact.

9 Physical and chemical properties

· General Information

Form:	Fluid
Color:	Dark Amber
Odor:	Characteristic

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

· **Flash point:** 204°C (399°F)

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density at 20°C (68°F):** 0.86 g/cm³

· Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

· Solvent content:

Organic solvents: 20.9 %

· **Solids content:** 29.7 %

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· **Volatile Organic Compounds:** Contains less than 200 g/L.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** Reacts with oxidizing agents.
- **Dangerous products of decomposition:**
Carbon monoxide and carbon dioxide
Sulfur oxides (SO_x)
Nitrogen oxides (NO_x)

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
Carcinogenic.

12 Ecological information

- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation:**
It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to Federal, State, and Local regulations.

14 Transport information

- **DOT regulations:**
- **Hazard class:** Not Regulated
- **Limited Quantity Exemption:** No Limited Quantity exemption applies for this shipping class.

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- | | |
|--|--|
| · U.S. Domestic Ground Shipments: | Same as listed for Standard Shipments above. |
| · U.S. Domestic Ground Non-Bulk (119 gal or less per container) Shipments: | Same as listed for Standard Shipments above. |
| · Emergency Response Guide (ERG) Number: | Not determined |
| · Land transport ADR/RID (cross-border): | |
| · Danger code (Kemler): | Not Regulated |
| · Maritime transport IMDG: | |
| · IMDG Class: | Not Regulated |
| · Marine pollutant: | No |
| · Air transport ICAO-TI and IATA-DGR: | |
| · ICAO/IATA Class: | Not Regulated |

15 Regulations

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):

This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below.

95-63-6 | 1,2,4-trimethylbenzene

≤1%

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

· Proposition 65

· Chemicals known to the State of California (Prop. 65) to cause cancer:

None of the ingredients is listed.

· Chemicals known to the State of California (Prop. 65) to cause reproductive toxicity:

None of the ingredients is listed.

· Cancerogenity categories

· EPA (Environmental Protection Agency)

None of the ingredients is listed.

· IARC (International Agency for Research on Cancer)

68476-34-6 | Fuels, diesel, No 2

2B

· NTP (National Toxicology Program)

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

· MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

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· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

· **Product related hazard informations:**

The product has been classified and marked in accordance with directives on hazardous materials.

· **Hazard symbols: Xn Harmful**

· **Hazard-determining components of labelling:**

Distilled Tall Oil Fatty Acids
Fuels, diesel, No 2

· **Risk phrases:**

36/38 Irritating to eyes and skin.
40 Limited evidence of a carcinogenic effect.
43 May cause sensitisation by skin contact.

· **Safety phrases:**

2 Keep out of the reach of children.
13 Keep away from food, drink and animal feedingstuffs.
23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
25 Avoid contact with eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
36/37 Wear suitable protective clothing and gloves.
46 If swallowed, seek medical advice immediately and show this container or label.
52 Not recommended for interior use on large surface areas.
56 Dispose of this material and its container to hazardous or special waste collection point.
60 This material and its container must be disposed of as hazardous waste.
64 If swallowed, rinse mouth with water (only if the person is conscious).

· **National regulations:**

· **Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.**

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.