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Print Engine - Cleaner

Safety Data Sheet

EC Safety Data Sheet

Tradename: Logopak Printing Engine Cleaner
Version: 1.0

Status: 12.12.2008
Date of Printing: 31/1/2012

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation
Logopak Printing Engine Cleaner

Use of the substance/preparation
Cleaner

Company/undertaking identification

Wachsfabrik Segeberg GmbH
Asterweg 11
D-23795 Bad Segeberg

Telefon-Nr. +49 (0)45 51 - 30 72

Fax-Nr. +49 (0)45 51 - 30 74

e-mail: info@wachsfabrik.de

Emergency telephone

+49 (0)551 - 192 40 (Giftinformationszentrum Nord)

2. HAZARDS IDENTIFICATION

Flammable.

Irritating to skin.

May cause sensitisation by skin contact.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Harmful: may cause lung damage if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization
Orange Terpenes

CAS-No.
8028-48-6

EINECS-No.
232-433-8

TSCA-CAS
68647-72-3

Hazard Symbol:

Xn, N

R-Phrases :

10, 38, 43, 50/53*, 65

(v. 16.)

*Not finally validated. For this substance the EFFA HCWG Natural Subgroup is aware that testing about acute aquatic toxicity is ongoing and the indication recommendation for the environmental classification may change.

4. FIRST AID MEASURES

General information

Remove contaminated, saturated clothing immediately.

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On inhalation

Provide with fresh air. If symptoms persist, call a doctor.

On contact with skin

On contact with the skin, wash off immediately with plenty of water.

On contact with the eyes

On contact with the eyes, rinse thoroughly with plenty of water and seek medical advice.

If swallowed

Do not induce vomiting. Risk of aspiration. Call a doctor immediately.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide, foam, dry powder, sand

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Substances potentially set free in case of fire: Carbon monoxide (CO), Carbon dioxide (CO₂)

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).

Additional information

Cool endangered containers with water spray jet.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective clothing.

Keep away sources of ignition. Ensure adequate ventilation.

Environmental precautions

Do not allow to enter drains.

Formation of inflammable vapor/air mixture possible.

Methods for cleaning up

Contain spillage. Pick up rest with oil binder.

7. HANDLING AND STORAGE

Handling

Hints for safe handling

Ensure adequate air circulation and fume extraction in storage and working areas.

Storage

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Keep container tightly closed and store in a cool, dry and well ventilated place.
Do not store with flammable or explosive materials. Solvent-resistant floor. Keep away from people who are not company employees.
Keep away from sources of ignition – no smoking. Take precautionary measures against electrostatic loading. Measures against explosion necessary.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Technical protective measures

Ensure adequate air circulation in storage and working areas.

General protective measures

Avoid contact with eyes and skin.

Personal protection equipment

Respiratory protection

Respiratory protection necessary only at insufficient ventilation.

Hand protection

Use adequate gloves from PVC or PE.

Pay attention to the recommendations of the different manufacturers of gloves concerning min. thickness and the breakthrough time of the glove material in consideration of working conditions.

Eye protection

Goggles

Skin protection

Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Form: liquid
Colour: clear, colourless
Odour: orange like

Important health, safety and environmental information

Boiling range: 175 – 178°C
Flash point: approx. 50°C
Ignition temperature: approx. 255°C
Explosive limits: lower 0,7%(V), upper 6,1%(V)
Vapour pressure: 2,1 mbar (20°C)
Density: 0,836 – 0,849 g/ml (20°C)
Water solubility: immiscible
Surface tension: 25 mN/m (22°C)

Other information

Melting point/range: -89 to -96,9°C
Anilin point: -15°C

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10. STABILITY AND REACTIVITY

Conditions to avoid

High temperatures.

Materials to avoid

Strong oxidising agents, strong acids

Hazardous decompositions products

In case of fire: organic crack products and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50	> 5.700 mg/kg (oral, rat)
LD50	> 5.000 mg/kg (dermal, rat)
LD50	> 2.000 mg/kg (dermal, rabbit)

Quick resorption via the mucous membranes of the respiratory and digestion tract and also via intact skin.

12. ECOLOGICAL INFORMATION

Daphnia toxicity: EC50 34,1 mg/l

Biodegradability: 87,3 % in 28 days (CEC L33 T82)
> 75 % in 28 days (OECD 302C) GLP

General information

Do not allow the product to enter into subsoil, drains or waters.
When used properly, there will be not adverse effect on sewage plants.

13. DISPOSAL CONSIDERATIONS

Not used product

Dispose of in compliance with official regulations after physico-chemical pre-treatment.

Waste codes: EAK 20 0113 Solvent (seperate collected fractions).

Dirty packing material

If recycling is not possible, dispose of in accordance with federal, state and local environmental regulations.

14. TRANSPORT INFORMATION

ADR/RID (land transport)

UN-Nr. 2319

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Name of substance	TERPENKOHLENWASSERSTOFFE, N.A.G. (Orange Terpenes)
ADR/RID Class	3
Packing Group	III
Kemler-Nr.	30

IMDG (marine transport)

IMDG-Class	3
UN-No.	2319
EmS-No.	F-E, S-D
MFAG-No.	310
MARINE POLLUTANT	yes
PACKING GROUP	III
Name of substance	TERPENE HYDROCARBONS, N.O.S. (Orange Terpenes)

ICAO-TI/IATA-DGR (air transport)

ICAO/IATA-Class	3
UN-No.	2319
PACKING GROUP	III
Name of substance	TERPENE HYDROCARBONS, N.O.S. (Orange Terpenes)

15. REGULATORY INFORMATION

According to EEC regulations the product has to be labelled

Hazard symbol

Xn	Harmful
N	Dangerous for the environment.

R-Phrases

10	Flammable.
38	Irritating to skin.
43	May cause sensitisation by skin contact.
50/53*	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. <small>*Not finally validated. For this substance the EFFA HCWG Natural Subgroup is aware that testing about acute aquatic toxicity is ongoing and the indication recommendation for the environmental classification may change.</small>
65	Harmful: may cause lung damage if swallowed.

S-Phrases

24	Avoid contact with skin.
37	Wear suitable gloves.
61	Avoid release to the environment. Refer to special instructions/safety data sheets.
62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Nationale regulations

VbF:	A II
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Water hazard classification: 1 low hazard to water
Kenn-Nr. 3824

Other regulations
MAK not fixed.

16. OTHER INFORMATION

R-Sätze

10	Flammable.
38	Irritating to skin.
43	May cause sensitisation by skin contact.
50/53	Very toxic to organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.

The information provided in the safety data sheet is correct to the best of our knowledge, information and belief at the date of its application. The information given is designed only as guidance for the safe handling, use, processing, storage, transportation and disposal and is not to be considered as a warranty or quality specification.
