



Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 05/16/2016

Revision: 05/16/2016

1 Identification

- **Product identifier**
- **Trade name:** DEKOTE
- **Product code:** 15245ZP, 15246ZP
- **Recommended use and restriction on use**
- **Recommended use:** Paint release agent.
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
The Eastwood Company
263 Shoemaker Rd.
Pottstown, PA 19464
800-345-1178
- **Emergency telephone number:**
Chemtrec
800-434-9300

2 Hazard(s) identification

- **Classification of the substance or mixture**

Flam. Liq. 4 H227 Combustible liquid.
Acute Tox. 4 H302 Harmful if swallowed.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



GHS07

- **Signal word:** Warning

- **Hazard statements:**

H227 Combustible liquid.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

- **Precautionary statements:**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P264 Wash thoroughly after handling.
P280 Wear protective gloves and eye protection.
P270 Do not eat, drink or smoke when using this product.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370+P378 In case of fire: Use foam, powder, or carbon dioxide for extinction.

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P302+P352 IF ON SKIN: Wash with plenty of water.
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 P330 Rinse mouth.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards** There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Components:**

100-51-6	benzyl alcohol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Eye Irrit. 2A, H319	30-40%
646-06-0	1,3-dioxolane ⚠ Flam. Liq. 2, H225	10-20%
7722-84-1	hydrogen peroxide ⚠ Ox. Liq. 1, H271 ⚠ Skin Corr. 1A, H314 ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; STOT SE 3, H335	<8%
91-20-3	naphthalene ⚠ Flam. Sol. 2, H228 ⚠ Carc. 2, H351 ⚠ Acute Tox. 4, H302	<5%
95-63-6	1,2,4-trimethylbenzene ⚠ Flam. Liq. 3, H226 ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	<5%
64742-94-5	Solvent naphtha (petroleum), heavy arom. ⚠ Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336 Flam. Liq. 4, H227	<5%

· **Additional information:**

Non-classification as a carcinogen is based on non-respirable form of product.
 For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.
 For the wording of the listed Hazard Statements refer to section 16.

4 First-aid measures

· **Description of first aid measures**

· **After inhalation:**

Unlikely route of exposure.
 Supply fresh air; consult doctor in case of complaints.

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- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
Seek medical treatment if any skin damage has occurred.
- **After eye contact:**
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; immediately call for medical help.
- **Most important symptoms and effects, both acute and delayed:**
Irritant to skin and mucous membranes.
Irritant to eyes.
Gastric or intestinal disorders when ingested.
- **Danger:** Harmful if swallowed.
- **Indication of any immediate medical attention and special treatment needed:**
Treat symptomatically.
Medical supervision for at least 48 hours.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Water mist, dry powder, foam, CO₂.
- **For safety reasons unsuitable extinguishing agents:** Water stream.
- **Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.
Wear fully protective suit.
- **Additional information:** Cool endangered containers with water fog.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Ensure adequate ventilation.
Use personal protective equipment as required.
- **Environmental precautions:**
Do not allow to enter sewers/ surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.
- **Methods and material for containment and cleaning up:**
Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).
Send for recovery or disposal in suitable receptacles.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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7 Handling and storage

· Handling

· Precautions for safe handling:

Use only in well ventilated areas.

Keep away from foodstuffs, beverages and feed.

Use personal protective equipment as required.

Wash hands before breaks and at the end of work.

Keep out of reach of children.

· Information about protection against explosions and fires:

Combustible liquid.

Keep ignition sources away - Do not smoke.

· Conditions for safe storage, including any incompatibilities

· Storage

· Requirements to be met by storerooms and receptacles:

Storage area should be dry and well-ventilated.

Avoid storage near extreme heat, ignition sources or open flame.

· Information about storage in one common storage facility: Store away from foodstuffs.

· Further information about storage conditions: Keep containers tightly sealed.

· Specific end use(s): No relevant information available.

8 Exposure controls/personal protection

· Control parameters

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

100-51-6 benzyl alcohol

WEEL (USA) Long-term value: 10 ppm

646-06-0 1,3-dioxolane

TLV (USA) Long-term value: 61 mg/m³, 20 ppm

EL (Canada) Long-term value: 20 ppm

R

EV (Canada) Long-term value: 20 ppm

LMPE (Mexico) Long-term value: 20 ppm

7722-84-1 hydrogen peroxide

PEL (USA) Long-term value: 1.4 mg/m³, 1 ppmREL (USA) Long-term value: 1.4 mg/m³, 1 ppmTLV (USA) Long-term value: 1.4 mg/m³, 1 ppm

EL (Canada) Long-term value: 1 ppm

EV (Canada) Long-term value: 1.4 mg/m³, 1 ppm

LMPE (Mexico) Long-term value: 1 ppm

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91-20-3 naphthalene

PEL (USA)	Long-term value: 50 mg/m ³ , 10 ppm
REL (USA)	Short-term value: 75 mg/m ³ , 15 ppm Long-term value: 50 mg/m ³ , 10 ppm
TLV (USA)	Long-term value: 52 mg/m ³ , 10 ppm Skin; BEI
EL (Canada)	Short-term value: 15 ppm Long-term value: 10 ppm Skin; IARC 2B
EV (Canada)	Short-term value: 78 mg/m ³ , 15 ppm Long-term value: 52 mg/m ³ , 10 ppm
LMPE (Mexico)	Short-term value: 15 ppm Long-term value: 10 ppm A4, PIEL

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

REL (USA)	Long-term value: 125 mg/m ³ , 25 ppm
TLV (USA)	Long-term value: 123 mg/m ³ , 25 ppm

· Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Avoid contact with the eyes and skin.

Immediately remove all soiled and contaminated clothing.

· Engineering controls: No relevant information available.

· Breathing equipment:

Not required under normal conditions of use.

Wear appropriate NIOSH respirator when ventilation is inadequate and occupational exposure limits are exceeded.

· Protection of hands:



Protective gloves

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

· Material of gloves Neoprene gloves

· Eye protection:



Safety glasses

· Body protection: Protective work clothing

· Limitation and supervision of exposure into the environment

No relevant information available.

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· Risk management measures

Do not smoke, eat, or drink while using the product. Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities.

9 Physical and chemical properties

· Information on basic physical and chemical properties

· Appearance:

Form:

Liquid

Color:

Light purple

· Odor:

Slight aromatic

· Odor threshold:

Not determined.

· pH-value at 20 °C (68 °F):

5.5-6.5

· Melting point/Melting range:

<0 °C (<32 °F)

· Boiling point/Boiling range:

>77 °C (>171 °F)

· Flash point:

77 °C (171 °F) (Cleveland Open Cup)

· Flammability (solid, gaseous):

Not applicable.

· Auto-ignition temperature:

Not determined.

· Decomposition temperature:

Not determined.

· Danger of explosion:

Not determined.

· Explosion limits

Lower:

Not determined.

Upper:

Not determined.

· Oxidizing properties:

Not determined.

· Vapor pressure at 20 °C (68 °F):

10 mmHg

· Density:

Relative density:

1.02

Vapor density:

>1 (air=1)

Evaporation rate:

Not determined.

· Solubility in / Miscibility with

Water:

Partly soluble.

· Partition coefficient (n-octanol/water):

Not determined.

· Viscosity

Dynamic:

20000-35000 cPs

Kinematic:

Not determined.

VOC content:

260 g/l (EPA Method 24)

· Other information

No relevant information available.

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10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions:**
Reacts with strong acids and alkali.
Reacts with strong oxidizing agents.
Combustible liquid.
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.
- **Conditions to avoid:** Excessive heat.
- **Incompatible materials:** Oxidizers, strong bases, strong acids
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

100-51-6 benzyl alcohol

Oral	LD50	1230 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)

7722-84-1 hydrogen peroxide

Oral	LD50	376 mg/kg (rat)
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91-20-3 naphthalene

Oral	LD50	490 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rat)

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

Oral	LD50	5000 mg/kg (rat)
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- **Primary irritant effect:**
- **On the skin:** Irritant to skin and mucous membranes.
- **On the eye:** Causes serious eye irritation.
- **Sensitization:** Based on available data, the classification criteria are not met.

- **IARC (International Agency for Research on Cancer):**

7722-84-1	hydrogen peroxide	3
91-20-3	naphthalene	2B

- **NTP (National Toxicology Program):**

91-20-3	naphthalene	R
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- **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

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· **Probable route(s) of exposure:**

Ingestion.
Eye contact.
Skin contact.

· **Acute effects (acute toxicity, irritation and corrosivity):**

Causes serious eye irritation.
Irritating to skin.

· **Repeated dose toxicity:** Possible risk of irreversible effects.

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:**

Contains known or suspect carcinogens when inhaled. Product is in non-inhalable form and is non-classifiable as a carcinogen.

· **Reproductive toxicity:** Based on available data, the classification criteria are not met.

· **STOT-single exposure:** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

· **Aspiration hazard:** Based on available data, the classification criteria are not met.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity**

Toxic for aquatic organisms

100-51-6 benzyl alcohol

LC50 | 460 mg/l (pimephales promelas)

91-20-3 naphthalene

LC50 | 1-10 mg/l (daphnia)

64742-94-5 Solvent naphtha (petroleum), heavy arom.

LC50 | 3.6 mg/l (Oncorhynchus mykiss)

· **Persistence and degradability** No relevant information available.

· **Bioaccumulative potential:** No relevant information available.

· **Mobility in soil:** No relevant information available.

· **Additional ecological information**

· **General notes:**

Do not allow product to reach ground water, water course or sewage system.
Also poisonous for fish and plankton in water bodies.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects:** No relevant information available.

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- | | |
|--|--|
| <ul style="list-style-type: none"> · UN-Number · DOT | <p>NA1993
Classified as combustible under US DOT regulations.
Labeling is only required for single packages ≥ 119 US gal / 450 L.</p> |
| <ul style="list-style-type: none"> · ADR, IMDG, IATA | <p>UN3082</p> |
| <ul style="list-style-type: none"> · UN proper shipping name · DOT · ADR · IMDG · IATA | <p>Combustible liquid, n.o.s. (benzyl alcohol, 1,2,4-trimethylbenzene)
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,2,4-trimethylbenzene, Naphthalene)
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,2,4-trimethylbenzene, Naphthalene), MARINE POLLUTANT
Environmentally hazardous substance, liquid, n.o.s. (1,2,4-trimethylbenzene, Naphthalene)</p> |
| <ul style="list-style-type: none"> · Transport hazard class(es) · DOT | <p></p> |
| <ul style="list-style-type: none"> · Class · Label | <p>3 Combustible liquids
9</p> |
| <ul style="list-style-type: none"> · ADR | <p></p> |
| <ul style="list-style-type: none"> · Class | <p>9 (M6) Miscellaneous dangerous substances and articles</p> |

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· Label	9
· IMDG, IATA	
 	
· Class	9 Miscellaneous dangerous substances and articles
· Label	9
· Packing group	
· DOT, ADR, IMDG, IATA	III
· Environmental hazards	Product contains environmentally hazardous substances: naphthalene
· Marine pollutant:	Symbol (fish and tree)
· Special precautions for user	Warning: Miscellaneous dangerous substances and articles
· Danger code (Kemler):	90
· EMS Number:	F-A,S-F
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Not regulated when carried in single or combination packaging containing a net quantity of 5L or less for liquids or 5 kg or less for solids per the following: ADR: SP 375 IMDG: 2.10.2.7 IATA: special provision A197
· DOT	
· Remarks:	Transport labeling is not required for non-bulk single package shipments by motor vehicle, rail car or aircraft. Bulk packaging consists of a maximum capacity of greater than 450L (119 gallons) for a liquid and a maximum net mass greater than 400kg (882 pounds) for a solid.

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

· Section 355 (extremely hazardous substances):

7722-84-1 | hydrogen peroxide

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Section 313 (Specific toxic chemical listings):

91-20-3 naphthalene

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

TSCA (Toxic Substances Control Act)

All ingredients are listed.

Proposition 65 (California)
Chemicals known to cause cancer:

Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product.

91-20-3 naphthalene

64-17-5 ethanol

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product.

64-17-5 ethanol

Carcinogenic categories
EPA (Environmental Protection Agency):

91-20-3 naphthalene

C, CBD

IARC (International Agency for Research on Cancer):

7722-84-1 hydrogen peroxide

3

91-20-3 naphthalene

2B

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

None of the ingredients are listed.

Canadian Domestic Substances List (DSL):

All ingredients are listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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.

Date of preparation / last revision 05/16/2016 / -

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
Flam. Liq. 2: Flammable liquids, Hazard Category 2
Flam. Liq. 3: Flammable liquids, Hazard Category 3
Flam. Liq. 4: Flammable liquids, Hazard Category 4
Flam. Sol. 2: Flammable solids, Hazard Category 2
Ox. Liq. 1: Oxidising Liquids, Hazard Category 1
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Corr. 1A: Skin corrosion/irritation, Hazard Category 1A
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
Carc. 2: Carcinogenicity, Hazard Category 2
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
Asp. Tox. 1: Aspiration hazard, Hazard Category 1

• Sources

Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: ISBN: 978-0-470-07488-6
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.
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