



Safety Data Sheet according to Regulation (EC) No1907/2006

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Loctite 7400 Varnistop

SDS No. : 290260
V006.0

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

1.1. Product identifier

Loctite 7400 Varnistop

Contains:

n-Butyl acetate
4-Methylpentan-2-one

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

Intended use:
Coating

1.3. Details of the supplier of the safety data sheet

Henkel Limited
Wood Lane End
HP2 4RQ Hemel Hempstead, Herts

Great Britain

Phone: +44 1442 278000
Fax-no.: +44 1442 278071

ua-productsafety.uk@uk.henkel.com

1.4. Emergency telephone number

24 Hours Emergency Tel: +44 (0)1442 278497

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (CLP):

| | |
|--|------------|
| Flammable liquids | Category 2 |
| H225 Highly flammable liquid and vapor. | |
| Serious eye irritation | Category 2 |
| H319 Causes serious eye irritation. | |
| Specific target organ toxicity - single exposure | Category 3 |
| H336 May cause drowsiness or dizziness. | |
| Target organ: Central Nervous System | |
| Specific target organ toxicity - single exposure | Category 3 |
| H335 May cause respiratory irritation. | |
| Target organ: respiratory tract irritation | |

Classification (DPD):

F - Highly flammable
R11 Highly flammable.
Xn - Harmful
R20 Harmful by inhalation.
Xi - Irritant
R36/37 Irritating to eyes and respiratory system.
R66 Repeated exposure may cause skin dryness or cracking.

2.2. Label elements

Label elements (CLP):

Hazard pictogram:



Signal word:

Danger

Hazard statement:

H225 Highly flammable liquid and vapor.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statement:

For consumer use only: P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P501 Dispose of waste and residues in accordance with local authority requirements

**Precautionary statement:
Prevention**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P261 Avoid breathing vapours.
P280 Wear protective gloves/protective clothing.

**Precautionary statement:
Response**

P337+P313 If eye irritation persists: Get medical advice/attention.

Label elements (DPD):

F - Highly flammable

Xn - Harmful

**Risk phrases:**

- R11 Highly flammable.
- R20 Harmful by inhalation.
- R36/37 Irritating to eyes and respiratory system.
- R66 Repeated exposure may cause skin dryness or cracking.

Safety phrases:

- S23 Do not breathe vapour.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37 Wear suitable gloves.
- S51 Use only in well-ventilated areas.

Additional labeling:

- For consumer use only: S2 Keep out of the reach of children.
- S46 If swallowed, seek medical advice immediately and show this container or label.

Contains:

4-Methylpentan-2-one

2.3. Other hazards

None if used properly.

SECTION 3: Composition/information on ingredients**General chemical description:**

Solvent based coating

Declaration of the ingredients according to CLP (EC) No 1272/2008:

| Hazardous components CAS-No. | EC Number REACH-Reg No. | content | Classification |
|----------------------------------|-------------------------------|----------------|---|
| n-Butyl acetate 123-86-4 | 204-658-1 01-2119485493-29 | >= 25 - < 50 % | Flammable liquids 3 H226 Specific target organ toxicity - single exposure 3 H336 |
| 4-Methylpentan-2-one 108-10-1 | 203-550-1 01-2119473980-30 | >= 25 - < 50 % | Flammable liquids 2 H225 Acute toxicity 4; Inhalation H332 Serious eye irritation 2 H319 Specific target organ toxicity - single exposure 3 H335 |

For full text of the H - statements and other abbreviations see section 16 "Other information".
Substances without classification may have community workplace exposure limits available.

Declaration of ingredients according to DPD (EC) No 1999/45:

| Hazardous components CAS-No. | EC Number REACH-Reg No. | content | Classification |
|----------------------------------|-------------------------------|----------------|--|
| n-Butyl acetate 123-86-4 | 204-658-1 01-2119485493-29 | >= 25 - < 50 % | R10 R67 R66 |
| 4-Methylpentan-2-one 108-10-1 | 203-550-1 01-2119473980-30 | >= 25 - < 50 % | F - Highly flammable; R11 Xn - Harmful; R20 Xi - Irritant; R36/37 R66 |

For full text of the R-Phrases indicated by codes see section 16 'Other Information'.
Substances without classification may have community workplace exposure limits available.

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

Move to fresh air. If symptoms persist, seek medical advice.

Skin contact:

Rinse with running water and soap.
Obtain medical attention if irritation persists.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

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

RESPIRATORY: Irritation, coughing, shortness of breath, chest tightness.

EYE: Irritation, conjunctivitis.

Repeated exposure may cause skin dryness or cracking.

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

See section: Description of first aid measures

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media:**

Carbon dioxide, foam, powder

Extinguishing media which must not be used for safety reasons:

None known

5.2. Special hazards arising from the substance or mixture

In the event of a fire, carbon monoxide (CO), carbon dioxide (CO₂) and nitrogen oxides (NO_x) can be released.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Additional information:

In case of fire, keep containers cool with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid skin and eye contact.
Ensure adequate ventilation.

6.2. Environmental precautions

Do not let product enter drains.

6.3. Methods and material for containment and cleaning up

For small spills wipe up with paper towel and place in container for disposal.
For large spills absorb onto inert absorbent material and place in sealed container for disposal.
Dispose of contaminated material as waste according to Section 13.

6.4. Reference to other sections

See advice in section 8

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

Use only in well-ventilated areas.
Vapours should be extracted to avoid inhalation.
Keep away from sources of ignition - no smoking.

Hygiene measures:

Wash hands before work breaks and after finishing work.
Do not eat, drink or smoke while working.
Good industrial hygiene practices should be observed.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, well-ventilated place.
Keep away from heat and direct sunlight.

7.3. Specific end use(s)

Coating

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational Exposure Limits**

Valid for
Great Britain

| Ingredient | ppm | mg/m ³ | Type | Category | Remarks |
|----------------------------------|-----|-------------------|--------------------------------------|--------------------------------------|----------|
| BUTYL ACETATE 123-86-4 | 200 | 966 | Short Term Exposure Limit (STEL): | | EH40 WEL |
| BUTYL ACETATE 123-86-4 | 150 | 724 | Time Weighted Average (TWA): | | EH40 WEL |
| 4-METHYLPENTAN-2-ONE 108-10-1 | 100 | 416 | Short Term Exposure Limit (STEL): | | EH40 WEL |
| 4-METHYLPENTAN-2-ONE 108-10-1 | | | Skin designation: | Can be absorbed through the skin. | EH40 WEL |
| 4-METHYLPENTAN-2-ONE 108-10-1 | 50 | 208 | Time Weighted Average (TWA): | | EH40 WEL |
| 4-METHYLPENTAN-2-ONE 108-10-1 | 20 | 83 | Time Weighted Average (TWA): | Indicative | ECLTV |
| 4-METHYLPENTAN-2-ONE 108-10-1 | 50 | 208 | Short Term Exposure Limit (STEL): | Indicative | ECLTV |

Predicted No-Effect Concentration (PNEC):

| Name on list | Environmental Compartment | Exposure period | Value | | | | Remarks |
|----------------------------------|------------------------------------|--------------------|-------|-----|-----------------|------------|---------|
| | | | mg/l | ppm | mg/kg | others | |
| n-Butyl acetate 123-86-4 | aqua (freshwater) | | | | | 0,18 mg/L | |
| n-Butyl acetate 123-86-4 | aqua (marine water) | | | | | 0,018 mg/L | |
| n-Butyl acetate 123-86-4 | aqua (intermittent releases) | | | | | 0,36 mg/L | |
| n-Butyl acetate 123-86-4 | STP | | | | | 35,6 mg/L | |
| n-Butyl acetate 123-86-4 | sediment (freshwater) | | | | 0,981 mg/kg | | |
| n-Butyl acetate 123-86-4 | sediment (marine water) | | | | 0,0981 mg/kg | | |
| n-Butyl acetate 123-86-4 | soil | | | | 0,0903 mg/kg | | |
| 4-Methylpentan-2-one 108-10-1 | aqua (freshwater) | | | | | 0,6 mg/L | |
| 4-Methylpentan-2-one 108-10-1 | aqua (marine water) | | | | | 0,06 mg/L | |
| 4-Methylpentan-2-one 108-10-1 | sediment (freshwater) | | | | 8,27 mg/kg | | |
| 4-Methylpentan-2-one 108-10-1 | sediment (marine water) | | | | 0,83 mg/kg | | |
| 4-Methylpentan-2-one 108-10-1 | soil | | | | 1,3 mg/kg | | |
| 4-Methylpentan-2-one 108-10-1 | STP | | | | | 27,5 mg/L | |
| 4-Methylpentan-2-one 108-10-1 | aqua (intermittent releases) | | | | | 1,5 mg/L | |

Derived No-Effect Level (DNEL):

| Name on list | Application Area | Route of Exposure | Health Effect | Exposure Time | Value | Remarks |
|----------------------------------|--------------------|-------------------|--|---------------|--------------------------|---------|
| n-Butyl acetate 123-86-4 | worker | inhalation | Acute/short term exposure - systemic effects | | 960 mg/m ³ | |
| n-Butyl acetate 123-86-4 | worker | inhalation | Acute/short term exposure - local effects | | 960 mg/m ³ | |
| n-Butyl acetate 123-86-4 | worker | inhalation | Long term exposure - systemic effects | | 480 mg/m ³ | |
| n-Butyl acetate 123-86-4 | worker | inhalation | Long term exposure - local effects | | 480 mg/m ³ | |
| n-Butyl acetate 123-86-4 | general population | inhalation | Acute/short term exposure - systemic effects | | 859,7 mg/m ³ | |
| n-Butyl acetate 123-86-4 | general population | inhalation | Acute/short term exposure - local effects | | 859,7 mg/m ³ | |
| n-Butyl acetate 123-86-4 | general population | inhalation | Long term exposure - systemic effects | | 102,34 mg/m ³ | |
| n-Butyl acetate 123-86-4 | general population | inhalation | Long term exposure - local effects | | 102,34 mg/m ³ | |
| 4-Methylpentan-2-one 108-10-1 | worker | inhalation | Acute/short term exposure - systemic effects | | 208 mg/m ³ | |
| 4-Methylpentan-2-one 108-10-1 | worker | inhalation | Acute/short term exposure - local effects | | 208 mg/m ³ | |
| 4-Methylpentan-2-one 108-10-1 | worker | inhalation | Long term exposure - systemic effects | | 83 mg/m ³ | |
| 4-Methylpentan-2-one 108-10-1 | worker | inhalation | Long term exposure - local effects | | 83 mg/m ³ | |
| 4-Methylpentan-2-one 108-10-1 | worker | Dermal | Long term exposure - systemic effects | | 11,8 mg/kg bw/day | |
| 4-Methylpentan-2-one 108-10-1 | general population | inhalation | Acute/short term exposure - systemic effects | | 155,2 mg/m ³ | |
| 4-Methylpentan-2-one 108-10-1 | general population | inhalation | Acute/short term exposure - local effects | | 155,2 mg/m ³ | |
| 4-Methylpentan-2-one 108-10-1 | general population | inhalation | Long term exposure - systemic effects | | 14,7 mg/m ³ | |
| 4-Methylpentan-2-one 108-10-1 | general population | inhalation | Long term exposure - local effects | | 14,7 mg/m ³ | |
| 4-Methylpentan-2-one 108-10-1 | general population | Dermal | Long term exposure - systemic effects | | 4,2 mg/kg bw/day | |
| 4-Methylpentan-2-one 108-10-1 | general population | oral | Long term exposure - systemic effects | | 4,2 mg/kg bw/day | |

Biological Exposure Indices:

| Ingredient | Parameters | Biological specimen | Sampling time | Conc. | Basis of biol. exposure index | Remark | Additional Information |
|----------------------------------|----------------------|---------------------|------------------------------|-------|-------------------------------|--------|------------------------|
| 4-METHYLPENTAN-2-ONE 108-10-1 | 4-methylpentan-2-one | Urine | Sampling time: End of shift. | | UKEH40BMG V | | |

8.2. Exposure controls:

Respiratory protection:

Ensure adequate ventilation.

An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area

Filter type: A

Hand protection:

Chemical-resistant protective gloves (EN 374).

Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):

nitrile rubber (NBR; ≥ 0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):

nitrile rubber (NBR; ≥ 0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.

Skin protection:

Wear suitable protective clothing.

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

| | |
|--|------------------------------------|
| Appearance | liquid red |
| Odor | characteristic |
| Odour threshold | No data available / Not applicable |
| pH | No data available / Not applicable |
| Initial boiling point | 114 °C (237.2 °F) |
| Flash point | 12 °C (53.6 °F) |
| Decomposition temperature | No data available / Not applicable |
| Vapour pressure (20 °C (68 °F)) | 58,7 mbar |
| Density (20 °C (68 °F)) | 0,97 g/cm ³ |
| Bulk density | No data available / Not applicable |
| Viscosity | No data available / Not applicable |
| Viscosity (kinematic) | No data available / Not applicable |
| Explosive properties | No data available / Not applicable |
| Solubility (qualitative) (Solvent: Water) | Not miscible |
| Solidification temperature | No data available / Not applicable |
| Melting point | No data available / Not applicable |
| Flammability | No data available / Not applicable |
| Auto-ignition temperature | No data available / Not applicable |
| Explosive limits | |
| lower | 1,7 % (V) |
| upper | 10,4 % (V) |
| Partition coefficient: n-octanol/water | No data available / Not applicable |
| Evaporation rate | No data available / Not applicable |
| Vapor density | No data available / Not applicable |
| Oxidising properties | No data available / Not applicable |

9.2. Other information

No data available / Not applicable

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reaction with strong acids.
Reacts with strong oxidants.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

No decomposition if used according to specifications.

10.5. Incompatible materials

See section reactivity

10.6. Hazardous decomposition products

Irritating organic vapours.

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

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Oral toxicity:

May cause irritation to the digestive tract.

Inhalative toxicity:

May cause respiratory irritation.
Vapors may cause drowsiness and dizziness.

Skin irritation:

Solvent may remove essential oils from the skin making it susceptible to attack from other chemicals.
Repeated exposure may cause skin dryness or cracking.

Eye irritation:

Causes serious eye irritation.

Acute oral toxicity:

| Hazardous components CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|----------------------------------|---------------|---------------|-------------------------|------------------|---------|--|
| n-Butyl acetate 123-86-4 | LD50 | > 8.800 mg/kg | oral | | rat | BASF Test |
| 4-Methylpentan-2-one 108-10-1 | LD50 | 2.080 mg/kg | oral | | rat | OECD Guideline 401 (Acute Oral Toxicity) |

Acute inhalative toxicity:

| Hazardous components CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|----------------------------------|--|-----------------|-------------------------|------------------|---------|--|
| n-Butyl acetate 123-86-4 | LC50 | > 23,4 mg/l | inhalation | 4 h | rat | OECD Guideline 403 (Acute Inhalation Toxicity) |
| 4-Methylpentan-2-one 108-10-1 | Acute toxicity estimate (ATE) | 11 mg/l | inhalation | | | Expert judgement |
| 4-Methylpentan-2-one 108-10-1 | LC50 | 8,2 - 16,4 mg/l | | 4 h | rat | OECD Guideline 403 (Acute Inhalation Toxicity) |

Acute dermal toxicity:

| Hazardous components CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|----------------------------------|---------------|---------------|-------------------------|------------------|---------|--|
| 4-Methylpentan-2-one 108-10-1 | LD50 | > 2.000 mg/kg | dermal | | rat | OECD Guideline 402 (Acute Dermal Toxicity) |

Skin corrosion/irritation:

| Hazardous components CAS-No. | Result | Exposure time | Species | Method |
|----------------------------------|----------------|------------------|---------|--|
| n-Butyl acetate 123-86-4 | not irritating | | rabbit | BASF Test |
| 4-Methylpentan-2-one 108-10-1 | not irritating | 4 h | rabbit | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |

Serious eye damage/irritation:

| Hazardous components CAS-No. | Result | Exposure time | Species | Method |
|----------------------------------|---------------------|------------------|---------|---|
| n-Butyl acetate 123-86-4 | not irritating | | rabbit | BASF Test |
| 4-Methylpentan-2-one 108-10-1 | slightly irritating | | rabbit | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |

Respiratory or skin sensitization:

| Hazardous components CAS-No. | Result | Test type | Species | Method |
|----------------------------------|-----------------|------------------------------------|------------|---|
| n-Butyl acetate 123-86-4 | not sensitising | Guinea pig maximisation test | guinea pig | |
| 4-Methylpentan-2-one 108-10-1 | not sensitising | Guinea pig maximisation test | guinea pig | OECD Guideline 406 (Skin Sensitisation) |

Germ cell mutagenicity:

| Hazardous components CAS-No. | Result | Type of study / Route of administration | Metabolic activation / Exposure time | Species | Method |
|----------------------------------|----------|--|--|---------|--|
| n-Butyl acetate 123-86-4 | negative | bacterial reverse mutation assay (e.g Ames test) | with and without | | Ames Test |
| 4-Methylpentan-2-one 108-10-1 | negative | bacterial reverse mutation assay (e.g Ames test) | with and without | | OECD Guideline 471 (Bacterial Reverse Mutation Assay) |

SECTION 12: Ecological information**General ecological information:**

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

12.1. Toxicity**Ecotoxicity:**

Do not empty into drains / surface water / ground water.

| Hazardous components CAS-No. | Value type | Value | Acute Toxicity Study | Exposure time | Species | Method |
|----------------------------------|------------|------------|----------------------|---------------|--|--|
| n-Butyl acetate 123-86-4 | LC50 | 62 mg/l | Fish | 96 h | Leuciscus idus | DIN 38412-15 |
| n-Butyl acetate 123-86-4 | EC50 | 72,8 mg/l | Daphnia | 24 h | Daphnia magna | |
| n-Butyl acetate 123-86-4 | EC10 | 295,5 mg/l | Algae | 72 h | Scenedesmus subspicatus (new name: Desmodesmus subspicatus) | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| | EC50 | 674,7 mg/l | Algae | 72 h | Scenedesmus subspicatus (new name: Desmodesmus subspicatus) | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| 4-Methylpentan-2-one 108-10-1 | LC50 | 600 mg/l | Fish | 96 h | Salmo gairdneri (new name: Oncorhynchus mykiss) | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| 4-Methylpentan-2-one 108-10-1 | EC50 | 170 mg/l | Daphnia | 48 h | Daphnia magna | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| 4-Methylpentan-2-one 108-10-1 | EC50 | 400 mg/l | Algae | 96 h | Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata) | OECD Guideline 201 (Alga, Growth Inhibition Test) |

12.2. Persistence and degradability

Persistence and Biodegradability:

The product is not biodegradable.

| Hazardous components CAS-No. | Result | Route of application | Degradability | Method |
|----------------------------------|-----------------------|----------------------|---------------|---|
| n-Butyl acetate 123-86-4 | readily biodegradable | aerobic | 98 % | OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test) |
| 4-Methylpentan-2-one 108-10-1 | readily biodegradable | aerobic | 99 % | OECD Guideline 301 E (Ready biodegradability: Modified OECD Screening Test) |

12.3. Bioaccumulative potential / 12.4. Mobility in soil

Mobility:

The product evaporates readily.

Bioaccumulative potential:

No data available.

| Hazardous components CAS-No. | LogKow | Bioconcentration factor (BCF) | Exposure time | Species | Temperature | Method |
|----------------------------------|--------|-------------------------------|---------------|---------|-------------|--|
| n-Butyl acetate 123-86-4 | 1,81 | | | | 23 °C | OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method) |
| 4-Methylpentan-2-one 108-10-1 | 1,31 | | | | 20 °C | |

12.5. Results of PBT and vPvB assessment

| Hazardous components CAS-No. | PBT/vPvB |
|----------------------------------|---|
| n-Butyl acetate 123-86-4 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |
| 4-Methylpentan-2-one 108-10-1 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Product disposal:

Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:

Disposal must be made according to official regulations.

Waste code

14 06 03 - other solvents and solvent mixtures

SECTION 14: Transport information**14.1. UN number**

| | |
|------|------|
| ADR | 1993 |
| RID | 1993 |
| ADNR | 1993 |
| IMDG | 1993 |
| IATA | 1993 |

14.2. UN proper shipping name

| | |
|------|--|
| ADR | FLAMMABLE LIQUID, N.O.S. (Methyl isobutyl ketone,Butylacetate) |
| RID | FLAMMABLE LIQUID, N.O.S. (Methyl isobutyl ketone,Butylacetate) |
| ADNR | FLAMMABLE LIQUID, N.O.S. (Methyl isobutyl ketone,Butylacetate) |
| IMDG | FLAMMABLE LIQUID, N.O.S. (Methyl isobutyl ketone,Butylacetate) |
| IATA | Flammable liquid, n.o.s. (Methyl isobutyl ketone,Butylacetate) |

14.3. Transport hazard class(es)

| | |
|------|---|
| ADR | 3 |
| RID | 3 |
| ADNR | 3 |
| IMDG | 3 |
| IATA | 3 |

14.4. Packaging group

| | |
|------|----|
| ADR | II |
| RID | II |
| ADNR | II |
| IMDG | II |
| IATA | II |

14.5. Environmental hazards

| | |
|------|----------------|
| ADR | not applicable |
| RID | not applicable |
| ADNR | not applicable |
| IMDG | not applicable |
| IATA | not applicable |

14.6. Special precautions for user

| | |
|-----|------------------------|
| ADR | Special provision 640D |
|-----|------------------------|

| | |
|------|------------------------|
| | Tunnelcode: (D/E) |
| RID | Special provision 640D |
| ADNR | Special provision 640D |
| IMDG | not applicable |
| IATA | not applicable |

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

SECTION 15: Regulatory information

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

VOC content 74,74 %
(1999/13/EC)

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

R10 Flammable.
R11 Highly flammable.
R20 Harmful by inhalation.
R36/37 Irritating to eyes and respiratory system.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.
H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.