



SAFETY DATA SHEET OPTIMA PREMIUM THINNERS

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

1.1. Product identifier

Product name	OPTIMA PREMIUM THINNERS
Product number	OPT005, OPT025, OPT.PT5, OPT.PT25

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

Identified uses	Additive for paint.
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1.3. Details of the supplier of the safety data sheet

Supplier	Optima Products Newberry House, Michigan Drive, Tongwell, Milton Keynes, Buckinghamshire, ML15 8HQ 01908611117 optimaproducts@LKQcoatings.com
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Manufacturer	Optima Products Newberry House, Michigan Drive, Tongwell, Milton Keynes, Buckinghamshire, ML15 8HQ 01908611117 optimaproducts@LKQcoatings.com
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1.4. Emergency telephone number

Emergency telephone	+44 (0)161 764 5981
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Flam. Liq. 2 - H225
Health hazards	Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Repr. 2 - H361fd STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304
Environmental hazards	Aquatic Chronic 2 - H411

2.2. Label elements

OPTIMA PREMIUM THINNERS

Hazard pictograms



Signal word

Danger

Hazard statements

H225 Highly flammable liquid and vapour.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H332 Harmful if inhaled.
 H336 May cause drowsiness or dizziness.
 H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P240 Ground and bond container and receiving equipment.
 P241 Use explosion-proof electrical equipment.
 P242 Use non-sparking tools.
 P243 Take action to prevent static discharges.
 P260 Do not breathe vapour/ spray.
 P264 Wash contaminated skin thoroughly after handling.
 P271 Use only outdoors or in a well-ventilated area.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+P313 IF exposed or concerned: Get medical advice/ attention.
 P331 Do NOT induce vomiting.
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
 P391 Collect spillage.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.
 P501 Dispose of contents/ container in accordance with national regulations.

Contains

TOLUENE, PROPAN-1-OL, HEPTANE, CYCLOHEXANE, XYLENE, ETHYLBENZENE, HEXANE-norm, IPA, BUTAN-2-OL, METHYL ACETATE, METHANOL, BUTANOL-norm, ACETONE, BUTANONE, ISOBUTYL METHYL KETONE, ETHYL ACETATE, PROPYL ACETATE, BUTYL ACETATE -norm

Detergent labelling

15 - < 30% aromatic hydrocarbons, 5 - < 15% aliphatic hydrocarbons

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Supplementary precautionary statements

P261 Avoid breathing vapour/ spray.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P312 Call a POISON CENTRE/doctor if you feel unwell.
 P314 Get medical advice/ attention if you feel unwell.
 P321 Specific treatment (see medical advice on this label).
 P403+P235 Store in a well-ventilated place. Keep cool.

2.3. Other hazards

Not applicable.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

TOLUENE		10-<30%
CAS number: 108-88-3	EC number: 203-625-9	REACH registration number: 01-2119471310-51-0000
Classification		
Flam. Liq. 2 - H225		
Skin Irrit. 2 - H315		
Repr. 2 - H361d		
STOT SE 3 - H336		
STOT RE 2 - H373		
Asp. Tox. 1 - H304		
PROPAN-1-OL		5-<10%
CAS number: 71-23-8	EC number: 200-746-9	
Classification		
Flam. Liq. 2 - H225		
Eye Dam. 1 - H318		
STOT SE 3 - H336		
ETHYLBENZENE		5-<10%
CAS number: 100-41-4	EC number: 202-849-4	
Classification		
Flam. Liq. 2 - H225		
Acute Tox. 4 - H332		
STOT RE 2 - H373		
Asp. Tox. 1 - H304		
XYLENE		5-<10%
CAS number: 1330-20-7	EC number: 215-535-7	
Classification		
Flam. Liq. 3 - H226		
Acute Tox. 4 - H312		
Acute Tox. 4 - H332		
Skin Irrit. 2 - H315		

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CYCLOHEXANE 5-<10%		
CAS number: 110-82-7	EC number: 203-806-2	
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		
METHYL ACETATE 5-<10%		
CAS number: 79-20-9	EC number: 201-185-2	
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336		
BUTAN-2-OL 5-<10%		
CAS number: 78-92-2	EC number: 201-158-5	
Classification Flam. Liq. 3 - H226 Eye Irrit. 2 - H319 STOT SE 3 - H335, H336		
IPA 5-<10%		
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25-0000
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336		
HEPTANE 5-<10%		
CAS number: 142-82-5	EC number: 205-563-8	
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		

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ETHANOL		5-<10%
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01-2119457610-43-0000
Classification		
Flam. Liq. 2 - H225		
HEXANE-norm		5-<10%
CAS number: 110-54-3	EC number: 203-777-6	
Classification		
Flam. Liq. 2 - H225		
Skin Irrit. 2 - H315		
Repr. 2 - H361f		
STOT SE 3 - H336		
STOT RE 2 - H373		
Asp. Tox. 1 - H304		
Aquatic Chronic 2 - H411		
BUTANONE		2-<3%
CAS number: 78-93-3	EC number: 201-159-0	
Classification		
Flam. Liq. 2 - H225		
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
BUTYL ACETATE -norm		2-<3%
CAS number: 123-86-4	EC number: 204-658-1	REACH registration number: 01-2119485493-29-0000
Classification		
Flam. Liq. 3 - H226		
STOT SE 3 - H336		
ACETONE		2-<3%
CAS number: 67-64-1	EC number: 200-662-2	
Classification		
Flam. Liq. 2 - H225		
Eye Irrit. 2 - H319		
STOT SE 3 - H336		

OPTIMA PREMIUM THINNERS

BUTANOL-norm		2-<3%
CAS number: 71-36-3	EC number: 200-751-6	REACH registration number: 01-2119484630-38-XXXX
Classification		
Flam. Liq. 3 - H226		
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
STOT SE 3 - H335, H336		
METHANOL		2-<3%
CAS number: 67-56-1	EC number: 200-659-6	REACH registration number: 01-2119433307-44-0000
Classification		
Flam. Liq. 2 - H225		
Acute Tox. 3 - H301		
Acute Tox. 3 - H311		
Acute Tox. 3 - H331		
STOT SE 1 - H370		
PROPYL ACETATE		2-<3%
CAS number: 109-60-4	EC number: 203-686-1	
Classification		
Flam. Liq. 2 - H225		
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
ETHYL ACETATE		2-<3%
CAS number: 141-78-6	EC number: 205-500-4	REACH registration number: 01-2119475103-46-0000
Classification		
Flam. Liq. 2 - H225		
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
ISOBUTYL METHYL KETONE		2-<3%
CAS number: 108-10-1	EC number: 203-550-1	
Classification		
Flam. Liq. 2 - H225		
Acute Tox. 4 - H332		
Eye Irrit. 2 - H319		
STOT SE 3 - H335		

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TETRAHYDROFURAN	0.5-<1%
CAS number: 109-99-9	EC number: 203-726-8
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H335	

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Inhalation	Immediate first aid is imperative. Get medical attention immediately. Move affected person to fresh air at once. Place unconscious person on their side in the recovery position and ensure breathing can take place. If breathing stops, provide artificial respiration. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation. Show this Safety Data Sheet to the medical personnel. Effects may be delayed.
Ingestion	Show this Safety Data Sheet to the medical personnel. Aspiration hazard if swallowed. Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.
Skin contact	Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention immediately.
Eye contact	Remove any contact lenses and open eyelids wide apart. Do not rub eye. Immediately flush with plenty of water and continue flushing during transport to hospital. Bring these instructions.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Effects may be delayed. Keep affected person under observation.
Inhalation	May cause an asthma-like shortness of breath. Vapours may cause drowsiness and dizziness.
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye damage.

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

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire. Extinguish with foam, carbon dioxide, dry powder or water fog.
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Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

Hazardous combustion products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

Special protective equipment for firefighters Leave danger zone immediately.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid inhalation of vapours. Provide adequate ventilation. In case of spills, beware of slippery floors and surfaces. For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions Avoid or minimise the creation of any environmental contamination. Do not discharge into drains or watercourses or onto the ground. Collect and dispose of spillage as indicated in Section 13.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using the product. Avoid the formation of mists. Provide adequate ventilation. Read and follow manufacturer's recommendations. Do not handle broken packages without protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep containers upright. Store in tightly-closed, original container.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

OPTIMA PREMIUM THINNERS

Occupational exposure limits

TOLUENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 191 mg/m³

Short-term exposure limit (15-minute): WEL 100 ppm 384 mg/m³

Sk

PROPAN-1-OL

Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 500 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 250 ppm(Sk) 625 mg/m³(Sk)

ETHYLBENZENE

Long-term exposure limit (8-hour TWA): WEL 100 ppm 441 mg/m³

Short-term exposure limit (15-minute): WEL 125 ppm 552 mg/m³

Sk

XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m³

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m³

Sk

CYCLOHEXANE

Long-term exposure limit (8-hour TWA): WEL 100 ppm 350 mg/m³

Short-term exposure limit (15-minute): WEL 300 ppm 1050 mg/m³

METHYL ACETATE

Long-term exposure limit (8-hour TWA): WEL 200 ppm 616 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 770 mg/m³

BUTAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 100 ppm 308 mg/m³

Short-term exposure limit (15-minute): WEL 150 ppm 462 mg/m³

IPA

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

HEPTANE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 2085 mg/m³

ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

Short-term exposure limit (15-minute): WEL

HEXANE-norm

Long-term exposure limit (8-hour TWA): WEL 20 ppm 72 mg/m³

Short-term exposure limit (15-minute): WEL

BUTANONE

Long-term exposure limit (8-hour TWA): WEL 200 ppm 600 mg/m³

Short-term exposure limit (15-minute): WEL 300 ppm 899 mg/m³

Sk

BUTYL ACETATE -norm

Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m³

Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m³

ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

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BUTANOL-norm

Short-term exposure limit (15-minute): WEL 50 ppm 154 mg/m³
Sk

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m³
Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m³
Sk

PROPYL ACETATE

Long-term exposure limit (8-hour TWA): WEL 200 ppm 849 mg/m³
Short-term exposure limit (15-minute): WEL 250 ppm 1060 mg/m³

ETHYL ACETATE

Long-term exposure limit (8-hour TWA): WEL 200 ppm
Short-term exposure limit (15-minute): WEL 400 ppm

ISOBUTYL METHYL KETONE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 208 mg/m³
Short-term exposure limit (15-minute): WEL 100 ppm 416 mg/m³
Sk

TETRAHYDROFURAN

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 150 mg/m³(Sk)
Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 300 mg/m³(Sk)

WEL = Workplace Exposure Limit
Sk = Can be absorbed through the skin.
Sk = Can be absorbed through skin.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients. This product must not be handled in a confined space without adequate ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact. Provide eyewash station.

Hygiene measures

Wash contaminated clothing before reuse. Wash promptly with soap and water if skin becomes contaminated. Wash hands after contact. When using do not eat, drink or smoke.

Respiratory protection

Wear a respirator fitted with the following cartridge: Gas filter, type AX. Check that the respirator fits tightly and the filter is changed regularly.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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Appearance	Clear liquid.
Colour	Colourless.
Odour	Solvent.
Odour threshold	Not determined.
pH	Not determined.
Melting point	Not determined.
Initial boiling point and range	55 - 160°C @ 1013 hPa
Flash point	- 20°C
Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	0.8 - 0.9g/cm ³ @ 20°C
Solubility(ies)	Insoluble in water.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	<50 cP @ 20°C
Oxidising properties	Not determined.

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not applicable.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

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Hazardous decomposition products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 2,853.88

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 1,700.0

Species Rabbit

Notes (dermal LD₅₀) Xylene

ATE dermal (mg/kg) 6,643.85

Acute toxicity - inhalation

ATE inhalation (gases ppm) 30,779.75

ATE inhalation (vapours mg/l) 13.95

ATE inhalation (dusts/mists mg/l) 10.26

Reproductive toxicity

Reproductive toxicity - fertility Suspected of damaging fertility.

Reproductive toxicity - development Suspected of damaging the unborn child.

General information Possible risk of adverse reproductive effects.

Inhalation Harmful: possible risk of irreversible effects through inhalation. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Harmful by inhalation. May cause drowsiness or dizziness.

Ingestion Harmful: possible risk of irreversible effects if swallowed. Harmful if swallowed. May be fatal if swallowed and enters airways.

Skin contact Harmful in contact with skin. Harmful: possible risk of irreversible effects in contact with skin. Irritating to skin.

Eye contact Causes serious eye damage.

Acute and chronic health hazards This chemical can be hazardous when inhaled and/or touched. This product is corrosive. This product may cause skin and eye irritation. Prolonged contact may cause burns. May cause severe internal injury. Vapour from this product may be hazardous by inhalation.

Route of exposure Inhalation Ingestion. Skin and/or eye contact Skin absorption

SECTION 12: Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - fish

LC₅₀, 96 hours: 13.5 (Xylene) mg/l, Fish

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Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 3.82 (Xylene) mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

12.4. Mobility in soil

Mobility The product is insoluble in water.

Adsorption/desorption coefficient Not available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Confirm disposal procedures with environmental engineer and local regulations.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1263

UN No. (IMDG) 1263

UN No. (ICAO) 1263

UN No. (ADN) 1263

14.2. UN proper shipping name

Proper shipping name (ADR/RID) PAINT

Proper shipping name (IMDG) PAINT (CONTAINS HEPTANE, HEXANE-norm)

Proper shipping name (ICAO) PAINT

Proper shipping name (ADN) PAINT

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

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IMDG class	3
ICAO class/division	3
ADN class	3

Transport labels



14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II
ADN packing group	II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS	F-E, S-E
ADR transport category	2
Emergency Action Code	•3YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

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

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

National regulations	EH40/2005 Workplace exposure limits.
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
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OPTIMA PREMIUM THINNERS

Issued by	Health & Safety Department
Revision date	24/07/2019
Revision	2
Supersedes date	22/07/2019
SDS number	33301
SDS status	Approved.
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H361f Suspected of damaging fertility. H361fd Suspected of damaging fertility. Suspected of damaging the unborn child. H370 Causes damage to organs . H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.