



For Part Number see box below

optima

Optima Alloy Wheel Paint Aerosol 500ml

Material Safety Data Sheet

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

1.1 Product identifier

Product name Optima Alloy Wheel Paint Aerosols
Product code See box below

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

1.3. Details of the supplier of the safety data sheet

Company name Optima Products,
 Newberry House
 Michigan Drive
 Tongwell
 Milton Keynes
 Buckinghamshire
 MK15 8HQ
Tel 01908 611117
Fax 01634 813807
Email Optimaproducts@LKQCoatings.com

1.4. Emergency telephone number

Emergency tel 01908 611117 (office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP STOT SE 3: H 336; Aquatic Chronic 3: H412; Eye Dam. 1: H318; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H335

Most important adverse effects Flammable liquid and vapour. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.

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2.2. Label elements

Hazard statements

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Signal words Danger

Hazard pictograms GHS02 Flame
 GHS05 Corrosion
 GHS07 Exclamation mark



Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Applies to:

OPT.AWP1007-500A OPT.AWP2018-500A
 OPT.AWP2001-500A OPT.AWP2020-500A
 OPT.AWP3001-500A OPT.AWP1021-500A
 OPT.AWP1001-500A OPT.AWP1021-500A
 OPT.AWP0048-500A OPT.AWP1021-500A
 OPT.AWP1002-500A OPT.AWP2073-500A
 OPT.AWP0003-500A OPT.AWP2087-500A
 OPT.AWP3002-500A OPT.AWP3018-500A
 OPT.AWP1013-500A OPT.AWP3027500Aa
 OPT.AWP2006-500A





For Part Number see box below

optima

Optima Alloy Wheel Paint Aerosol 500ml

Material Safety Data Sheet

P302 +352 IF ON SKIN: Wash with plenty of water/.

P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

2.3. Other hazards

PBT This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients:

N-BUTYL ACETATE

EINECS	CAS	PBT I WEL	CLP Classification	Percent
204-658-1	123-86-4		Flam. Liq. 3: H226; STOT SE 3: H336;	50-70%

LOW BOILING POINT NAPHTHA- UNSPECIFIED- SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

EINECS	CAS	PBT I WEL	CLP Classification	Percent
265-199-0	64742-95-6		Asp. Tax. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	1-10%



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For Part Number see box below

optima

Optima Alloy Wheel Paint Aerosol 500ml

Material Safety Data Sheet

BUTAN-1-OL

EINECS	CAS	PBT I WEL	CLP Classification	Percent
200-751-6	71-36-3		Flam. Liq. 3: H226; Acute Tax. 4: H302; STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT SE 3: H336	1-10%

XYLENE

EINECS	CAS	PBT I WEL	CLP Classification	Percent
215-535-7	1330-20-7		Flam. Liq. 3: H226; Acute Tax. 4: H332; Acute Tax. 4: H312; Skin Irrit. 2: H315	1-10%

2-METHYLPROPAN-1-OL

EINECS	CAS	PBT I WEL	CLP Classification	Percent
201-148-0	78-83-1		Flam. Liq. 3: H226; STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT SE 3: H336	1-10%

ETHYLBENZENE

EINECS	CAS	PBT I WEL	CLP Classification	Percent
202-849-4	100-41-4		Flam. Liq. 2: H225; Acute Tax. 4: H332; STOT RE 2: H373; Asp. Tax. 1: H304	1-10%

LOW BOILING POINT HYDROGEN TREATED NAPHTHA- NAPHTHA (PETROLEUM), HYDROTREATED HEAVY

EINECS	CAS	PBT I WEL	CLP Classification	Percent
265-150-3	1 64742-48-9		I Asp. Tox.1: H304; Flam. Liq. 3: H226	<1% I



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For Part Number see box below

optima

Optima Alloy Wheel Paint Aerosol 500ml

Material Safety Data Sheet

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Ingestion	Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor..
Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so.

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

Skin contact	There may be irritation and redness at the site of contact.
Eye contact	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.
Delayed/immediate effects	Immediate effects can be expected after short-term exposure.

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

Immediate/special treatment	Eye bathing equipment should be available on the premises.
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Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
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5.2. Special hazards arising from the substance or mixture

Exposure hazards	In combustion emits toxic fumes.
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5.3. Advice for fire-fighters

Advice for fire-fighters	Wearing self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes
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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.
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For Part Number see box below

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Optima Alloy Wheel Paint Aerosol 500ml

Material Safety Data Sheet

6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or rivers. Contain the spillage using bunding.
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6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or rivers. Contain the spillage using bunding.
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6.3. Methods and material for containment and cleaning up

Clean-up procedures	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
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6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Store in a cool, well ventilated area. Keep container tightly closed.
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7.3. Specific end use(s)

Specific end use(s)	No data available.
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For Part Number see box below

optima

Optima Alloy Wheel Paint Aerosol 500ml

Material Safety Data Sheet

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

N-BUTYL ACETATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	724 mg/m ³	966 mg/m ³		

BUTAN-1-OL

UK	154 mg/m ³			
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XYLENE

UK	220 mg/m ³	441 mg/m ³		
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ETHYLBENZENE

UK	441 mg/m ³	552 mg/m ³		
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DNEL/PNEC VALUES

DNEL PNEC	No data available.			
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8.2. Exposure controls

Engineering measures	Ensure there is sufficient ventilation of the area.
Respiratory protection	Self-contained breathing apparatus must be available in case of emergency.
Hand protection	Protective gloves.
Eye protection	Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin protection	Protective clothing.



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For Part Number see box below

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Material Safety Data Sheet

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid		
Colour	Various		
Odour	Characteristic odour		
Evaporation rate	Slow		
Oxidising	Non-oxidising (by EC criteria)		
Solubility in water	Insoluble		
Also soluble in	Most organic solvents		
Viscosity	Viscous		
Boiling point/range°C	No data available	Melting point/range°C	No data available.
Flammability limits %: lower	No data available	up per	No data available.
Flash point°C	23 - 60	Part.coeff. n-octanol/water	No data available.
AutoflammabilicyoC	No data available	Vapour pressure	No data available.
Relative density	No data available	pH	No data available.
VOC g/1	No data available		

9.1. Information on basic physical and chemical properties

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.



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For Part Number see box below

optima

Optima Alloy Wheel Paint Aerosol 500ml

Material Safety Data Sheet

10.4. Conditions to avoid

Conditions to avoid Heat

10.5. Incompatible materials

Materials to avoid Strong oxidising agents.
Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products In combustion emits toxic fumes

Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous calculated
Serious eye damage/irritation	OPT	Hazardous calculated
STOT single exposure	INH	Hazardous calculated

Symptoms | routes of exposure

Skin contact

There may be irritation and redness at the site of contact.

Eye contact

There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion

There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation

There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Delayed/immediate effects

Immediate effects can be expected after short-term exposure.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients

N-BUTYL ACETATE

ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	10768	gm/kg

LOW BOILING POINT NAPHTHA- UNSPECIFIED- SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

ORL	RAT	LD50	8400	gm/kg
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BUTAN-1-OL

IVN	RAT	LD50	310	gm/kg
ORL	MUS	LD50	2680	gm/kg
ORL	RAT	LD50	790	gm/kg

XYLENE

ORL	MUS	LD50	2119	gm/kg
ORL	RAT	LD50	4300	gm/kg
SCU	RAT	LD50	1700	gm/kg

ETHYLBENZENE

IPR	MUS	LD50	2624	gm/kg
ORL	RAT	LD50	3500	gm/kg

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Optima Alloy Wheel Paint Aerosol 500ml

Material Safety Data Sheet

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values No data available

12.2. Persistence and degradability

Persistence and degradability Biodegradable

12.3. Bioaccumulative potential

Bioaccumulative potential No bioaccumulation potential

12.4. Mobility in soil

Mobility Readily absorbed into soil

12.5. Results of PBT and vPvB assessment

PBT identification This product is not identified as a PBT/vPvB substance

12.6. Other adverse effects

Other adverse effects Negligible ecotoxicity

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations Transfer to a suitable container and arrange for collection by specialised disposal company.

NB The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number UN1263

14.2. UN proper shipping name

Shipping name PAINT

14.3. Transport hazard class(es)

Transport class 3

14.4. Packing group

Packing group III

14.5. Environmental hazards

Environmentally hazardous No

Marine pollutant No

14.6. Special precautions for user

Special precautions No special precautions

Tunnel code D/E

Transport category 3

Section 15: Regulatory information

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

Specific regulations Not applicable

15.2 Chemical Safety Assessment





For Part Number see box below

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Optima Alloy Wheel Paint Aerosol 500ml

Material Safety Data Sheet

Section 16: Other information

Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010. indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

EUH066	Repeated exposure may cause skin dryness or cracking. H225: Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312:	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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