

**SAFETY DATA SHEET****Platinum**

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name** Platinum**Chemical name****Product number** 385-19/246-4**1.2. Relevant identified uses of the substance or mixture and uses advised against****Identified uses** Car maintenance product. - Polish.**Uses advised against** For professional use only. This product is not recommended for any industrial, professional or consumer use other than the Identified uses above.**1.3. Details of the supplier of the safety data sheet****Supplier** Autosmart International Ltd
Lynn Lane,
Shenstone, nr Lichfield
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Tel: +44 (0) 1543 481616 (09:00 - 17:00)
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info@autosmartinternational.com**Contact person** Mr. Russell Butler**Manufacturer****1.4. Emergency telephone number****Emergency telephone** Mob: +44 (0) 7808 971321 (24hrs)
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If you urgently need medical help or advice but it's not a life-threatening situation, call 111 free from any phone to speak to an NHS adviser. The 24-hour NHS 111 service can give you healthcare advice or direct you to the local service that can help you best.

The NHS 111 service will also be available via the harmonised European number for medical advice 116 117

National emergency telephone number Giftlinjin oplysninger, Telefon +45 82 12 12 12**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification****Physical hazards**

Not Classified

Health hazards

Eye Irrit. 2 - H319 STOT SE 3 - H336

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

Platinum

Environmental

The product is not expected to be hazardous to the environment.

2.2. Label elements

Pictogram



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements

P261 Avoid breathing vapours.
P261 Avoid breathing dust.
P280 Wear protective gloves.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Contains

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Detergent labelling

< 5% perfumes

Supplementary precautionary statements

P264 Wash contaminated skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container in accordance with national regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics CAS number: 64742-48-9 EC number: 919-857-5 REACH registration number: 01-2119463258-33-XXXX	20-30%
Classification Flam. Liq. 3 - H226 STOT SE 3 - H336 Asp. Tox. 1 - H304	Classification (67/548/EEC or 1999/45/EC) Xn;R65. R10,R66,R67.
Anhydrous Aluminium Silicate CAS number: 92704-41-1 EC number: 296-473-8 Substance with a Community workplace exposure limit.	5-10%
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) -
Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me CAS number: 71750-79-3 EC number: – REACH registration number: -	2-5%
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xi;R38,R41.

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Paraffin Wax	0.5-0.7%
CAS number: 8002-74-2 EC number: 232-315-6 Substance with a Community workplace exposure limit.	
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) -
Paraffin Wax 150/155	0.5-0.7%
CAS number: 8002-74-2 EC number: 232-315-6 Substance with a Community workplace exposure limit.	
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) -
Titanium Dioxide	0.1-0.2%
CAS number: 13463-67-7 EC number: 236-675-5 Substance with a Community workplace exposure limit.	
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) -
Diiron Trioxide	0.1-0.2%
CAS number: 1309-37-1 EC number: 215-168-2 Substance with a Community workplace exposure limit.	
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) -

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Use suitable lotion to moisturise skin. Get medical attention if any discomfort continues.

Eye contact

Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation

Headache.

Ingestion

May cause stomach pain or vomiting.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

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.

SECTION 5: Firefighting measures

Platinum

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Oxides of the following substances: Carbon. 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

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Avoid the spillage or runoff entering drains, sewers or watercourses. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Flush contaminated area with plenty of water. Take care as floors and other surfaces may become slippery.

6.4. Reference to other sections

Reference to other sections

For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid spilling. Avoid contact with skin and eyes. Avoid inhalation of vapours. During application and drying, solvent vapours will be emitted.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep above the chemical's freezing point to avoid rupturing the container. Store in closed original container at temperatures between 5°C and 25°C.

Storage class

Chemical 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

Occupational exposure limits

Platinum

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

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

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

Anhydrous Aluminium Silicate

Long-term exposure limit (8-hour TWA): WEL 2 mg/m³

Paraffin Wax

Long-term exposure limit (8-hour TWA): WEL 2 mg/m³

Short-term exposure limit (15-minute): WEL 6 mg/m³

Paraffin Wax 150/155

Long-term exposure limit (8-hour TWA): WEL 2 mg/m³

Short-term exposure limit (15-minute): WEL 6 mg/m³

Titanium Dioxide

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³

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

Diiron Trioxide

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³

Short-term exposure limit (15-minute): WEL 10 mg/m³

as Fe

WEL = Workplace Exposure Limit

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (CAS: 64742-48-9)

DNEL

Industry - Dermal; Long term : 208 mg/kg/day

Industry - Inhalation; Long term : 871 mg/kg/day

Consumer - Dermal; Long term : 125 mg/kg/day

Consumer - Inhalation; Long term : 185 mg/kg/day

Consumer - Oral; Long term : 125 mg/kg/day

Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me (CAS: 71750-79-3)

Ingredient comments

No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

No specific ventilation requirements. 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. The following protection should be worn: Chemical splash goggles.

Hand protection

Wear protective gloves made of the following material: Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Nitrile rubber. Viton rubber (fluoro rubber). Polyvinyl alcohol (PVA). The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. Use thin cotton gloves inside the rubber gloves if allergy risk.

Other skin and body protection

Provide eyewash station.

Hygiene measures

Provide eyewash station. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3.

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SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Viscous liquid. Liquid.

Colour

White.

Odour

Pleasant, agreeable.

Odour threshold

Not available. Not available.

pH

Not applicable. Not applicable.

Melting point

~ 0°C

Initial boiling point and range

Not available. °C @

Flash point

> 62°C CC (Closed cup).

Evaporation rate

Not available.

Upper/lower flammability or explosive limits

Not available. : :

Vapour pressure

Not available.

Vapour density

Not available.

Relative density

~ 0.940 @ (20°C)°C

Solubility(ies)

Insoluble in water. Miscible with the following materials: Hydrocarbons.

Partition coefficient

Not available.

Auto-ignition temperature

Not available.

Decomposition Temperature

Not available.

Viscosity

~17,000 cP @ 20°C

Oxidising properties

Not applicable.

Comments

Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

9.2. Other information

Volatile organic compound

This product contains a maximum VOC content of 188 g/litre.

SECTION 10: Stability and reactivity

10.1. 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.

Platinum

10.3. Possibility of hazardous reactions

Not applicable. Will not polymerise.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

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

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other health effects

There is no evidence that the product can cause cancer.

Skin corrosion/irritation

Human skin model test

No information required.

Extreme pH

General information

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation

Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion

May cause discomfort if swallowed.

Skin contact

May cause defatting of the skin but is not an irritant.

Eye contact

No specific health hazards known. Particles in the eyes may cause irritation and smarting.

Acute and chronic health hazards

Because of the product's quantity and composition, the health hazard is regarded as low. This product has low toxicity. Only large quantities are likely to have adverse effects on human health. No specific acute or chronic health impact noted, but this chemical may still have adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

Route of entry

Skin and/or eye contact

Medical symptoms

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

Platinum

Toxicological information on ingredients.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Other health effects

There is no evidence that the product can cause cancer.

Acute toxicity - oral

Acute toxicity oral (LD mg/kg)

5,000

Species

Rat

Acute toxicity - dermal

Acute toxicity dermal (LD mg/kg)

5000

Species

Rabbit

Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me

Acute toxicity - oral

Acute toxicity oral (LD mg/kg)

2,000

Species

Rat

Paraffin Wax

Other health effects

There is no evidence that the product can cause cancer.

SECTION 12: Ecological Information

Ecotoxicity

The product is not expected to be hazardous to the environment. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment. The product does not contain organically bound halogen. The product does not contain organic complexing agents with a DOC level of degradation of < 80% after 28 days.

Ecological information on ingredients.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Ecotoxicity

The product is not expected to be toxic to aquatic organisms.

Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me

Ecotoxicity

The product does not contain organically bound halogen. The product contains an organic complexing agent with a DOC level of degradation of < 80% after 28 days.

12.1. Toxicity

Acute toxicity - fish

Not determined.

Acute toxicity - aquatic invertebrates

Not determined.

Acute toxicity - aquatic plants

Not determined.

Acute toxicity - microorganisms

Not determined.

Acute toxicity - terrestrial

Not determined.

Platinum

Ecological information on ingredients.

Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me

Acute toxicity - fish

Not available.

Acute toxicity - aquatic invertebrates

Not applicable.

Acute toxicity - aquatic plants

Not applicable.

12.2. Persistence and degradability

Persistence and degradability

Volatile substances are degraded in the atmosphere within a few days. The product contains inorganic substances which are not biodegradable. The other substances in the product are slowly biodegradable.

Ecological information on ingredients.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Persistence and degradability

Volatile substances are degraded in the atmosphere within a few days.

Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me

Persistence and degradability

There are no data on the degradability of this product.

Paraffin Wax

Persistence and degradability

The product is not readily biodegradable.

12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

Partition coefficient

Not available.

Ecological information on ingredients.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

The product does not contain any substances expected to be bioaccumulating.

Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me

No data available on bioaccumulation.

Paraffin Wax

The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility

The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

Ecological information on ingredients.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Mobility

The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me

Mobility

The product is insoluble in water and will spread on the water surface.

Paraffin Wax

Mobility

Not considered mobile.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

Platinum

Ecological information on ingredients.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

This substance is not classified as PBT or vPvB according to current EU criteria.

Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Not applicable.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

The packaging must be empty (drop-free when inverted).

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses. Packaging: Reuse or recycle products wherever possible.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

UN No. (IMDG)

UN No. (ICAO)

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

ADR/RID class

ADR/RID subsidiary risk

ADR/RID label

IMDG class

IMDG subsidiary risk

ICAO class/division

ICAO subsidiary risk

Transport labels

14.4. Packing group

Not applicable.

ADR/RID packing group

IMDG packing group

ICAO packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

Platinum

EmS

Emergency Action Code

Hazard Identification Number (ADR/RID)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

EU legislation

Dangerous Preparations Directive 1999/45/EC. 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). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance

Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations.

Water hazard classification

WGK 1

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information

Only trained personnel should use this material. This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

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Revision 1

Supersedes date 15/05/2013

SDS status Approved.

Risk phrases in full

NC Not classified.
R10 Flammable.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.