SAFETY DATA SHEET
Intensive Polymer Polish


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

1.1. Product identifier

Product name
Intensive Polymer Polish

Chemical name
IPP500

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
Quantum Car Care Products
40 Bloomsbury Way
Lower Ground Floor
London
WC1A 2SE
United Kingdom

Contact person
Alan, Jeff or Paul

Manufacturer

1.4. Emergency telephone number

Emergency telephone
Mob: +44 (0) 7654 408752
Mob: +44 (0) 7967 875077
Mob: +44 (0) 7789 966050

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)
Intensive Polymer Polish

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

<table>
<thead>
<tr>
<th>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</th>
<th>20-30%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 64742-48-9</td>
<td>EC number: 919-857-5</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Anhydrous Aluminium Silicate</th>
<th>5-10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 92704-41-1</td>
<td>EC number: 296-473-8</td>
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<tr>
<td>Substance with a Community workplace exposure limit.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Siloxanes and Silicones, 3-{(2-aminoethyl)amino}propyl Me, di-Me</th>
<th>2-5%</th>
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</thead>
<tbody>
<tr>
<td>CAS number: 71750-79-3</td>
<td>EC number: –</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification (67/548/EEC or 1999/45/EC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STOT SE 3 - H336</td>
<td>-</td>
</tr>
<tr>
<td>Asp. Tox. 1 - H304</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification (67/548/EEC or 1999/45/EC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Classified</td>
<td>-</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification (67/548/EEC or 1999/45/EC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Irrit. 2 - H315</td>
<td>Xi,R38,R41.</td>
</tr>
<tr>
<td>Eye Dam. 1 - H318</td>
<td>-</td>
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</table>
### Intensive Polymer Polish

<table>
<thead>
<tr>
<th>Substance</th>
<th>Concentration</th>
<th>CAS number</th>
<th>EC number</th>
<th>Classification</th>
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</thead>
<tbody>
<tr>
<td>Paraffin Wax</td>
<td>0.5-0.7%</td>
<td>8002-74-2</td>
<td>232-315-6</td>
<td>Classification (67/548/EEC or 1999/45/EC)</td>
</tr>
<tr>
<td>Paraffin Wax 150/155</td>
<td>0.5-0.7%</td>
<td>8002-74-2</td>
<td>232-315-6</td>
<td>Classification (67/548/EEC or 1999/45/EC)</td>
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<tr>
<td>Titanium Dioxide</td>
<td>0.1-0.2%</td>
<td>13463-67-7</td>
<td>236-675-5</td>
<td>Classification (67/548/EEC or 1999/45/EC)</td>
</tr>
<tr>
<td>Diiron Trioxide</td>
<td>0.1-0.2%</td>
<td>1309-37-1</td>
<td>215-168-2</td>
<td>Classification (67/548/EEC or 1999/45/EC)</td>
</tr>
</tbody>
</table>

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

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Revision date: 23/02/2015
Supersedes date: 15/05/2013
Revision: 1
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
Intensive Polymer Polish

**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

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

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.
**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.
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
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.
Intensive Polymer Polish

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 (LD₅₀ mg/kg)
5,000
Species
Rat

**Acute toxicity - dermal**
Acute toxicity dermal (LD₅₀ mg/kg)
5000
Species
Rabbit

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

**Acute toxicity - oral**
Acute toxicity oral (LD₅₀ 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.
Intensive Polymer Polish

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.
Intensive Polymer Polish

**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.
Intensive Polymer Polish

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

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.

Issued by
Quantum CalCare Products
40 Bloomsbury Way
Lower Ground Floor
London
WC1A 2SE
United Kingdom

Revision date
23/02/2015

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.