



Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II (453/2010) - Europe

Magic Shine On

Issue 3T
Revision 21 April 2015

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

1.1 Product Identifier

Product Name Magic Shine On

Product Codes 1062

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

Identified Uses of the substance/mixture Stainless Steel Cleaner. Professional Use.

Uses advised against Uses other than those identified are not recommended

1.3 Details of the supplier of the safety data sheet

Manufacturer/Distributor	RP Adam Ltd	Tel.	+44 (0) 1750 21586
	Arpal Works	Fax.	+44 (0)1750 21506
	Riverside Road	email	Salesinfo@rpadam.co.uk
	Selkirk, TD7 5DU, UK		

1.4 Emergency Telephone Number

National Advisory Body/Poison Centre

Tel. National Poison Information Service 0870 243 2241 (UK Only)
(0870 600 6266 Medical Professionals Only – UK Only)

Manufacturer/ Distributor/ Importer

Telephone number: + 44 (0)1750 21586

2 Hazards Identification

2.1 Classification of Substance or mixture

Product Definition Mixture

Classification according to Directive 1999/45/EC [DPD]

Classification Not Classified as Hazardous

Human Health Hazards N/A

Classification according to Regulation (EC) No. 1272/2008

Physical Hazards No Significant Hazard

Human Health Hazards Asp. Tox. 1, H304

Environmental Hazards No Significant Hazard

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2.2 Label Elements

Label Elements (In Accordance With Directive 1999/45/EC [DPD])

Hazard Symbol(s) N/A

Indication of danger N/A

Risk Phrases N/A

Safety Phrases N/A

Label Elements (In Accordance With (EC) No. 1272/2008)

Hazard Pictogram(s)



Signal Word

Danger

Contains White Mineral Oil

Hazard Statements H304 May be fatal if swallowed and enters airways

Precautionary Statements Response P301 IF SWALLOWED: Immediately call a POISON CENTRE or physician. Do
+P310 NOT induce vomiting
+P331

2.3 Other hazards

Other hazards which do not result in classification Not applicable

3 Composition/Information on Ingredients

3.2 Mixtures

Product/Ingredient Name	Identifiers Reach No/CAS/EC No	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
White Mineral Oil	01-2119487078-27/ 8042-47-5/ 232-455-8	100	Not Classified	Asp. Tox. 1, (H304)	1

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section

- Type
- 1 Substance classified with a health or environmental hazard
 - 2 Substance with a workplace exposure limit
 - 3 Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
 - 4 Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

Occupational exposure limits, if available, are listed in Section 8.

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4 First aid measures

4.1 Description of first aid measures

Eye Contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin Contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of First Aider	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. May be fatal if swallowed and enters the airways. Not considered to cause sensitization. Repeated skin exposure can produce local skin destruction or dermatitis. Further important symptoms and effects are so far not known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5 Fire fighting measures

5.1 Extinguishing media

Extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog
Unsuitable extinguishing media	Do not use direct water jets on the burning product; they could cause splattering and spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products	During fire toxic gases, CO and CO ₂ are formed

5.3 Advice for fire-fighters

Special precautions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	Fire-fighters should wear self-contained breathing apparatus and suitable personal protective equipment as appropriate to the surrounding fire.

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6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe vapour/spray/mist. Avoid contact with the skin, eyes and clothing. Use personal protective clothing. Information regarding personal protective measures see, section 8.

6.2 Environmental precautions

Do not discharge into drains/surface waters/groundwater. Contain contaminated water/fire fighting water.

6.3 Methods and material for containment and cleaning up

Small spill: Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

7 Handling and storage

7.1 Precautions for safe handling

Keep container tightly closed. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid contact with the skin, eyes and clothing. Contaminated surfaces may be extremely slippery. Clean up spillages. Do not allow to dry. Do not eat, drink or smoke in area where material is used or stored.

7.2 Conditions for safe storage, including any incompatibilities

Protect against heat. Store in original labelled containers. Keep container tightly closed, upright and in a cool place. Protect from freezing.

7.3 Specific end use(s)

Recommendations Not specific advice available.

Industrial sector specific solutions Not applicable.

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8 Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredient name

Exposure limit values

Contains no ingredients with exposure limits

Derived effect levels

Product/Ingredient Name

Type

Exposure

Value

Population

Effects

Highly refined base oils

DNEL

Long term Dermal

220 mg/kg bw/day

Workers

Systemic

DNEL

Long term Inhalation

160 mg/m³

Workers

Systemic

DNEL

Long term Dermal

92 mg/kg bw/day

Man via the environment

Systemic

DNEL

Long term Inhalation

35 mg/m³

Man via the environment

Systemic

DNEL

Long term Oral

40 mg/kg bw/day

Man via the environment

Systemic

DNEL Summary

Long-term systemic effects include non-reproductive effects and developmental/reproductive effects. Lowest DNEL is shown.

Predicted effect concentrations

No PNECs available for the mixture.

8.2 Exposure controls

Process conditions

Provide eye-wash stations

Engineering Measures

No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Personal Protective Equipment

Respiratory protection:

Not needed in normal use. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: organic vapour filter

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. >8 hours (breakthrough time): neoprene, nitrile, Viton®

Eye protection

Not needed in normal use. Wear tightly fitting safety goggles (splash goggles) (e.g. EN 166) if splashing is likely to occur

Body protection:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

General safety and hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

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9 Physical & chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Viscous Liquid.
Colour	Clear, Bright.
Odour	Product specific.
Odour threshold	Not determined for the mixture.
pH value 20 Deg C	Not determined for the mixture.
Melting point/Freezing point	Not determined for the mixture.
Initial boiling point and boiling range	Not determined for the mixture.
Flash point	>170 deg C
Evaporation rate	Not determined for the mixture.
Flammability (solid, gas)	Not flammable.
Burning time	Not determined for the mixture.
Burning rate	Not determined for the mixture.
Upper/lower flammability or explosive limits	Not determined for the mixture.
Vapour pressure	<0.1 hPa at 20oC
Relative density	0.83 -0.88
Solubility(ies)	Negligible
Partition coefficient: n-octanol/water	Not determined for the mixture.
Auto ignition temperature	Not determined for the mixture.
Decomposition temperature	Not determined for the mixture.
Kinematic Viscosity	10 – 14 mm ² /s at 40oC
Explosive properties	Not explosive
Oxidising properties	None

9.2 Other Information

No further relevant information available

10 Stability and Reactivity

10.1 Reactivity	No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical Stability	Stable mixture under normal conditions or storage and use.
10.3 Possibility of hazardous reactions	Hazardous reactions will not occur in normal storage conditions.
10.4 Conditions to avoid	None known in normal storage conditions.
10.5 Incompatible materials	None known.
10.6 Hazardous decomposition products	May release CO _x , smoke and irritating vapours when heated to decomposition.

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11 Toxicology

11.1 Information on toxicological effects

Acute Toxicity

Product/Ingredient Name	Result	Species	Dose	Exposure
Highly refined base oils	LC50 Inhalation. Dusts and Mists	Rat	>5000 mg/m ³	4 Hours
	LD50 Dermal	Rabbit	>2000 mg/m ³	
	LD50 Oral		>5000 mg/m ³	

Conclusion/Summary Not Available

Irritation/Corrosion

Conclusion/Summary Not Available

Sensitisation

Conclusion/Summary Not Available

Mutagenicity

Conclusion/Summary Not Available

Carcinogenicity

Conclusion/Summary Not Available

Reproductive Toxicity

Conclusion/Summary Not Available

Teratogenicity

Conclusion/Summary Not Available

Specific Target Organ Toxicity (Single Exposure)

Conclusion/Summary Not Available

Specific Target Organ Toxicity (Repeated Exposure)

Conclusion/Summary Not Available

Aspiration Hazard

Product/Ingredient Name	Result
White Mineral Oil	ASPIRATION HAZARD – Category 1

Information on the likely routes of exposure Routes of entry anticipated: Oral, Dermal Inhalation

Potential Acute Health effects

Eye Contact No known significant effects or critical hazards.

Inhalation No known significant effects or critical hazards.

Skin Contact No known significant effects or critical hazards.

Ingestion May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics

Eye Contact No specific data.

Inhalation No specific data.

Skin Contact Repeated skin exposure can produce local skin destruction or dermatitis.

Ingestion Adverse symptoms may include the following: nausea or vomiting

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Delayed and immediate effects and also chronic effects from short and long term exposure

Short Term Exposure

Potential immediate effects Not available.

Potential delayed effects Not available.

Long Term Exposure

Potential immediate effects Not available.

Potential delayed effects Not available.

Potential chronic health effects

Not available.

Conclusion/Summary Not available.

General No known significant effects or critical hazards.

Carcinogenicity Not listed as carcinogenic by OSHA, NTP or IARC.

Mutagenicity No known significant effects or critical hazards.

Teratogenicity No known significant effects or critical hazards.

Developmental Effects No known significant effects or critical hazards.

Fertility Effects No known significant effects or critical hazards.

Other Information Not available.

12 Ecological information

12.1 Toxicity

Product /Ingredient Name	Result	Species	Exposure
Highly refined base oils	NOEC >=100 mg/l	Algae	72 hours
	NOEC >=100 mg/l	Daphnia	48 hours
	NOEC >=100 mg/l	Fish	96 hours
Conclusion/Summary	Not Available		

12.2 Persistence and degradability

Conclusion/Summary Not available.

12.3 Bioaccumulative potential

Conclusion/Summary Not available.

12.4 Mobility in soil

Soil/water partition coefficient (KOC) Not available.

Mobility Not available.

12.5 Results of PBT and vPvB assessment

PBT No
P: Not available, B: Not available, T: No

vPvB Not available.
vP: Not Available, vB: Not Available

12.6 Other adverse effects No known significant effects or critical hazards.

13: Disposal considerations

13.1 Waste treatment methods

Waste from residues / unused products Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.
EWC Code 20 01 29* - detergents containing dangerous substances

Empty packaging recommendation: Dispose of observing national or local regulations.
EWC Code 20 01 39

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14: Transport information

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1 UN number	Not Regulated	Not Regulated	Not Regulated	Not Regulated
14.2 UN proper shipping name				
14.3 Transport hazard class(es):				
14.4 Packing group				
14.5 Environmental hazards	No	No	No	No
14.6 Special precautions for user				
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBCCode			Product not transported bulk tanker	
Other relevant information (ADR)	Not required			

15: Regulatory information

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

Ingredients according to EC Detergents Regulation 648/2004

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

Reason for revision: Inclusion of DPD Classification in Section 2

Full text of the R, H and EUH phrases mentioned in section 3

H304 May be fatal if swallowed and enters airways

Abbreviations and acronyms

ATE	Acute Toxicity Estimate
CLP	Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008]
DNEL	Derived No Effect Level
EUH statement	CLP-specific Hazard statement
N/A	Not Available
PNEC	Predicted No Effect Concentration
REACH No	REACH registration number, without supplier specific part