



Product: SSR-1
Revision Date: 12/18/15

SAFETY DATA SHEET

Section 1. Product and Company Identification

Product Name: SSR-1
Recommended Use(s): Vehicle polishing compound
Non-Recommended / Restricted Use(s): None
Distributor: Poorboy's World UK
Bretfield Court
Dewsbury, WF12 9BG
United Kingdom
Emergency Contact: **General:** 01924 469920 UK Sales
General: +44 (0) 1924 469920 Overseas
Emergency: 1-352-323-3500 International Emergency Hotline

Section 2. Hazard Identification

GHS Classification for mixture:

Aspiration Hazard - Category 5
Specific target organ toxicity - single exposure - Category 3 (Respiratory)
Serious eye damage/eye irritation - Category 2
Skin corrosion/irritation - Category 2
Acute Toxicity Oral - Category 5

Pictograms:



Signal Word:

WARNING

Hazard Statements:

H302: Harmful if swallowed.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

Prevention

P264: Wash skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P271: Use only outdoors or in a well-ventilated area.

Response

P301+P312: IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.

P330: Rinse mouth.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313P: IF eye irritation persists: Get medical advice/attention.

P304+P340: IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

Storage

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

Disposal

P501: Dispose of contents/container to an approved waste disposal plant.

Section 3. Composition / Information on Ingredients

Identifiers	Ingredients	Percentage	Classification
64742-48-9	Naphtha (petroleum), hydrotreated heavy	10% to 25%	Flam liq4, Skin irrit2, Carc 1B, Muta 1B, STOT se 3 narcotic, Asp tox 1
64742-47-8	Distillates (petroleum), hydrotreated light	10% to 25%	Flam liq 3, Skin irrit2, STOT se 3 narcotic, Asp tox 1
1344-28-1	Aluminum oxide	10% to 20%	Oral acute tox 4, Dermal acute 4, Skin irrit2, Eye2A, STOT SE3 Resp
56-81-5	Glycerin	5% to 10%	Flam liq4, Eye irrit2
66402-68-4	Calcinated kaolin clay	5% to 10%	Skin irrit2, Eye irrit2A, STOT se3 resp,
9007-48-1	Glycerol homopolymer, oleic acid ester	1% to 5%	Eye irrit2, Skin irrit2, STOT se 3 resp,
8042-47-5	White mineral oil	1% to 5%	Flam liq4, Oral acute4, Inhalation acute4, Eye irrit2, Skin irrit2, STOT se 3 rsp, STOT rep 2(lung)

Section 4. First-Aid Measures

First-Aid: Eyes

Wash eyes with plenty of water. Hold eyelids open to ensure adequate flushing. Remove the contact lenses if worn and easy to do that. Continue rinsing. If redness or other symptoms persist, seek medical advice / attention.

First-Aid: Skin

Take off all contaminated clothing and wash it before reuse. Wash contaminated areas thoroughly with soft nonabrasive soap and cold water. If redness or other symptoms persist, seek medical advice / attention.

First-Aid: Ingestion

In case of ingestion of large quantities immediately take the exposed person to hospital. If the exposed person is conscious, give 2-3 cups of water or liquid. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated. Monitor for breathing difficulties. If after ingestion you feel unwell, seek medical advice.

First-Aid: Inhalation

If the exposed person is not breathing, provide artificial respiration. If spontaneous vomiting occurs, lean the exposed person forward to reduce the risk of aspiration. Loosen tight clothing such as a collar, tie, belt, or waistband. Remove person to fresh air and keep at rest in a position comfortable for breathing. If after inhalation you feel unwell, seek medical advice.

First-Aid: Other

General advice: In all cases if in doubt or when symptoms persist, seek medical advice. Never give anything by mouth to an unconscious person. Only induce vomiting at the instruction of a physician. Provide this SDS to medical personnel for treatment.

Section 5. Fire-Fighting Measures

Suitable Extinguishing Media

The suggested appropriate media: Carbon dioxide. Powder BC. Universal-type foams. Water spray.

Unsuitable Extinguishing Media

Inappropriate media: Straight streams of water.

Protective Measures for Fire-Fighting

Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

Special Protective Actions for Fire-Fighters

Avoid breathing gas / mist / dust / fume / vapor / spray / particles. Do not allow run-off from fire fighting to enter drains or water courses.

Combustion Products

Carbon dioxide (CO₂). Carbon monoxide (CO). Oxides of nitrogen (NO_x).

Specific Hazards Arising from Combustion of Products

Fire / decomposition hazards: Gas, vapors, or dust are harmful.

Other Information for Fire Fighters

Small fires: Small fires can be extinguished with portable extinguishers.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Avoid breathing gas / mist / dust / fume / vapor / spray / particles. Evacuate the people from the area. Keep bystanders upwind and away from danger point. Ventilate area of leak or spill. Wear self-contained breathing apparatus or airline.

Environmental Precautions

Dike area to prevent runoff and contamination of water sources. Dispose the material in accordance with the government regulation. Do not discharge into drains or any body of water (rivers, streams, ponds, lakes, etc).

Section 7. Handling and Storage

Precautions for Safe Handling

Avoid breathing gas / mist / dust / fume / vapor / spray / particles. Check container for defect or leakage before handling. Do not eat, drink or smoke during handling. Ensure there is sufficient ventilation of the area. Handle in accordance with all current regulations and standards. Handle in accordance with good industrial hygiene and safety practice. Report immediately if physical damage, leakage, or spillage occurs. Wash any exposed area of body thoroughly after handling.

Conditions for Safe Storage

Keep container closed when not in use. Respect the occupational health and safety standards. Store in a cool, well ventilated area.

Conditions to avoid: Frost.

Suitable Packaging

No particular packaging specified.

Section 8. Exposure Controls / Personal Protection

Control Parameters / Limits for Component

Distillates (petroleum), hydrotreated light

DNEL/DMEL General Population Oral Chronic	19 mg/kg/d, Systemic effects.
ACGIH TLV	TWA 400 ppm.
NIOSH REL	TWA 350 mg/m ³ Ceiling. TWA 1800 mg/m ³ (15 min).
OSHA PEL	500 ppm. 2000 mg/m ³ . 5 mg/m ³ (Respirable Fraction).

Naphtha (petroleum), hydrotreated heavy

TWA 1800 mg/m ³ (15 min).	
DNEL/DMEL General Population Oral Chronic	19 mg/kg/d, Systemic effects.
ACGIH TLV	TWA 400 ppm.
OSHA PEL	2000 mg/m ³ .

Glycerin

DNEL/DMEL General Population Oral Chronic	229 mg/kg, Systemic effects.
PNEC Seawater Sediment	0.0885 mg/l.
DNEL/DMEL General Population Inhalation Chronic	33 mg/m ³ , Local effects.
DNEL/DMEL Worker Inhalation Chronic	56 mg/m ³ , Local effects.
PNEC Freshwater	0.885 mg/l, Single exposure.
PNEC Soil	0.141 mg/kg, Single exposure.
ACGIH	TWA 10 mg/m ³ .
OSHA PEL	TWA 15 mg/m ³ (Total dust). TWA 5 mg/m ³ (Respirable).

Calcinated kaolin clay

ACGIH	3 mg/m ³ (Respirable). 10 mg/m ³ (Total Dust).
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NIOSH REL	TWA 15 mg/m ³ (Total dust).
OSHA PEL	5 mg/m ³ (Respirable). 15 mg/m ³ (Total Dust).
White mineral oil	
DNEL/DMEL Consumer Inhalation Chronic	160 mg/m ³ , Systemic effects.
DNEL/DMEL Consumer Dermal Chronic	220 mg/kg bw/day, Systemic effects.
NIOSH	TWA 50 mg/m ³ . 1800 mg/m ³ (15min) Ceiling.
ACGIH	5 mg/m ³ .
OSHA PEL	TWA 500 ppm. TWA 2.000 mg/m ³ .
Aluminum oxide	
15 mg/m ³ (Total Dust).	
PNEC Wastewater Treatment	20 mg/l.
ACGIH	1 mg/m ³ , (Respirable fraction, as Al).
PNEC Freshwater	0.0749 mg/l.
NIOSH REL	10 mg/m ³ .

Engineering Measures

Provide adequate general and local exhaust ventilation. Respect the occupational health and safety standards.

Respiratory Protection

Certified self-contained breathing apparatus must be available in case of emergency. Respiratory protection is required if the concentrations exceed the TLV.

Eye/Face Protection

Not obliged.

Skin and Body Protection

Not obliged.

Hand Protection

Wear appropriate chemical resistant gloves.

Hygiene Measures

Keep away from food or drink. Use in accordance with good hygiene and safety practice. Wash Hands thoroughly after handling.

Section 9. Physical and Chemical Properties

Basic physical and chemical properties Information

Physical State	liquid Cream
Appearance	Yellow
Odor	Lemon Fragrance
Odor threshold	Not available
pH	7.5 to 8.5
Melting point	Not available

Boiling point	Greater than 65°C / 149°F
Flash Point	Greater than 100°C / 212°F
Evaporation rate w/r/t ether	Not available
Evaporation rate w/r/t butyl acetate	Not available
Flammability	Not available
Flammability limit	Not available
Vapor pressure	132 Pa at 25°C
Vapor density	Not available
Relative density w/r/t water	Not available
Relative density w/r/t air	Not available
Relative density w/r/t other substance	Not available
Solubility	Not available
Solubility in other solvents	Not available
Partition coefficient	Not available
Auto-ignition temperature	343°C / 649.4°F
Decomposition temperature	Not available
Viscosity	Not available
Freezing point	Not available
Density	1.1 g/cm ³
Explosion limit (lower)	0.7 %vol
Explosion limit (upper)	19 %vol

Section 10. Chemical Stability & Reactivity Information

Stability/Reactivity

Reactivity: The product is known to be non-reactive in ambient conditions.

Chemical stability: This product is stable under ambient condition.

Possibility of Hazardous Reactions

Dangerous reactions are not expected if the technical instructions in storage of chemicals are met. Hazardous polymerization will not occur under normal conditions.

Conditions to Avoid

Keep away from: Cold. Strong shocks.

Materials to Avoid

No incompatibilities declared.

Hazardous Products of Decomposition

No decomposition hazardous products are specified. This product is stable under normal storage condition.

Section 11. Toxicological Information

Toxicological Information for Product

No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC, OSHA, or the NTP. Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9) is classified as Carcinogen 1B and Mutagen 1B in European Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP).

Aspiration hazard: This product is an aspiration hazard.

Carcinogenicity: This product contains components above 0.1% concentration which are considered carcinogenic.

Specific target organ toxicity: This product is considered a STOT single exposure - category 3- Narcotic effect. This product is considered a STOT single exposure - category 3- Respiratory irritation.

Mutagenicity: This product contains components above 0.1% concentration which are considered Germ cell mutagens.

Toxicological Information for Component

Naphtha (petroleum), hydrotreated heavy

LD 50 Oral	> 5000 mg/kg, Rat.
LC 50 Inhalation	>5 mg/l(4h), Rat.
LD 50 Dermal	>2000 mg/kg, Rabbit.

Glycerin

LD 50 Oral	4090 mg/kg, Mouse. 12.6 g/kg, Rat. 27 mg/kg, Rabbit.
LC 50 Inhalation	> 570 mg/m ³ /h, Rat.
LD 50 Dermal	> 10 gm/kg, Rabbit.

Distillates (petroleum), hydrotreated light

LD 50 Oral	>5000 mg/kg, Rat.
LC 50 Inhalation	>5 mg/l/4h, Rat.
LD 50 Dermal	>2000 mg/kg, Rabbit.

White mineral oil

LD 50 Oral	>5000 mg/kg, Rat.
LC 50 Inhalation	> 5000 mg/m ³ (4h), Rat.
LD 50 Dermal	>2000 mg/kg, Rabbit.

Aluminum oxide

LD 50 Oral	> 10000 mg/kg, Rat.
LC 50 Inhalation	7.6 mg/l.

Glycerol homopolymer, oleic acid ester

LD 50 Oral	> 2000 mg/kg, Rat.
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Irritation/Corrosion Information for Product

Skin: Causes skin irritation.

Eyes: Causes serious eye irritation.

Irritation/Corrosion Information for Component

Glycerin

Skin: 500 mg/24h, mild, Draize test, Rabbit.
Eye irritation: 126 mg, mild, Draize test, rabbit.

Section 12. Ecological Information

Ecotoxicity Values for Component

Aluminum oxide

EC 50 Aquatic invertebrates: >100 mg/l.

LC 50 Fish: >100 mg/l.

EC 50 Algae: >100 mg/l.

White mineral oil

LC 50 Fish: > 10 g/l (96h), *Lepomis macrochirus*. > 100 mg/l (96h), *Oncorhynchus mykiss*).

Glycerin

LC 50 Freshwater Fish: 50-67 mg/l LC50 (96 h), Rainbow trout. >5,000 mg/l.

Glycerol homopolymer, oleic acid ester

EC 20 Activated sludge: > 1,000 mg/l (180 min), Domestic.

LC 50 Freshwater Fish: > 100 mg/l (96h), *Leuciscus idus*.

Naphtha (petroleum), hydrotreated heavy

EC 50 microorganisms: 15.41 mg/l(40h).

Section 13. Disposal Considerations

Waste Disposal Regulation(s) / Operation

Disposal, treatment, or recycling of industrial waste must comply with applicable regulations to preserve the environment. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of national pollutant discharge elimination systems. The generation of waste should be avoided or minimized wherever possible.

Section 14. Transportation Information

Other

This product is not regulated for transport.

Section 15. Regulatory Information

Safety, Health and Environmental Regulations for Product

Neither this product nor its components are subject to additional regulations in the US and Europe.

Safety, Health and Environmental Regulations for Component

Naphtha (petroleum), hydrotreated heavy

EUROPE:

European Inventory of Existing Commercial Chemical Substances (EINECS): listed.

CANADA:

Domestic Substances List (DSL): listed.

US:

TSCA (Toxic Substances Control Act): listed.

Glycerin

EUROPE:

European Inventory of Existing Commercial Chemical Substances (EINECS): listed.

CANADA:

Domestic Substances List (DSL): listed.

US:

TSCA (Toxic Substances Control Act): listed.

Distillates (petroleum), hydrotreated light

EUROPE:

European Inventory of Existing Commercial Chemical Substances (EINECS): listed.

CANADA:

Domestic Substances List (DSL): listed.

US: TSCA (Toxic Substances Control Act): listed.

Aluminum oxide

EUROPE: European Inventory of Existing Commercial Chemical Substances (EINECS): listed.

CANADA: Domestic Substances List (DSL): listed.

US: TSCA (Toxic Substances Control Act): listed.

Calcinated kaolin clay

EUROPE: European Inventory of Existing Commercial Chemical Substances (EINECS): listed.

CANADA: Domestic Substances List (DSL): listed.

US: TSCA (Toxic Substances Control Act): listed.

Glycerol homopolymer, oleic acid ester

EUROPE: European Inventory of Existing Commercial Chemical Substances (EINECS): listed.

CANADA: Domestic Substances List (DSL): listed.

US: TSCA (Toxic Substances Control Act): listed.

White mineral oil

EUROPE: European Inventory of Existing Commercial Chemical Substances (EINECS): listed.

CANADA: Domestic Substances List (DSL): listed.

US: TSCA (Toxic Substances Control Act): listed.

Section 16. Other Information

Other Information

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.

Glossary

ACGIH: American Conference of Governmental Industrial Hygienists.

Acute tox: Acute toxicity.

ADR: Accord europeen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

CAS: Chemical Abstracts Service (Service that maintains the most comprehensive list of chemical substances).

CEPA: Canadian Environmental Protection Act.

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act.

CLP: Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.

DMEL: Derived Minimal Effect Level.

DNEL: Derived No-Effect Level.

DOT: Department of Transportation USA.

DSL:	Canadian Domestic Substances List.
EC50:	Effective concentration of a substance that causes 50% of the maximum response
ErC50:	ErC50 means EC50 in terms of reduction of growth rate after exposure.
Eye dam:	Damaging to eyes.
Eye irrit:	Irritant to the eye.
Flam liq:	Flammable liquid.
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals”
IARC monographs:	developed by the United Nations. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans.
IATA/DGR:	Dangerous Goods Regulations (DGR) for the air transport (IATA).
ICAO:	International Civil Aviation Organization.
LD50:	The dose required to produce the death in 50 percent of the exposed species within a specified time.
Log KOW:	n-octanol/water.
MARPOL:	International Convention for the Prevention of Pollution from Ships (abbr. of Marine Pollutant).
Met corr:	Corrosive to metals
N/A:	Not available.
N/D:	Not determined.
NDSL:	Canadian Non-Domestic Substances List.
NIOSH:	National Institute for Occupational Safety and Health.
NOAEL:	No-observed-adverse-effect-level.
OSHA:	Occupational Safety and Health Administration (United States).
PBT:	Persistent, Bioaccumulative and Toxic.
PEL:	Permissible exposure limit. An exposure limit that is published and enforced by OSHA as a legal standard.
PNEC:	Predicted No-Effect Concentration.
ppm:	Parts per million.
REL:	Recommended exposure limit.
RTECS:	Registry of Toxic Effects of Chemical Substances.
SARA:	Superfund Amendments and Reauthorization Act.
Skin . corr:	Corrosive to Skin.
Skin irrit:	Irritant to Skin.
TSCA:	Toxic Substances Control Act.
TWA:	Time-weighted average.
UN:	United Nations.
vPvB:	Very Persistent and Very Bioaccumulative.
WHIMIS:	Workplace Hazardous Materials Information System.