



Product: SSR-2
Revision Date: 2/18/16

SAFETY DATA SHEET

Section 1. Product and Company Identification

Product Name: SSR-2
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 Words:

WARNING

Hazard Statements:

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

Precautionary Statements:

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
64742-47-8	Distillates (petroleum), hydrotreated light	10% to 25%	Flam liq 3, Skin irrit2, STOT se 3 narcotic, Asp tox 1
64742-48-9	Naphtha (petroleum), hydrotreated heavy	10% to 25%	Flam liq 4, Skin irrit2, Carc 1B, Muta 1B, STOT se 3 narcotic, Asp tox 1
1344-28-1	Aluminum oxide	10% to 20%	Oral acute tox 4, Dermal acute 4, Skin irrit2, Eye irrit2A, STOT SE3 Resp
56-81-5	Glycerin	5% to 10%	Flam liq4, Eye irrit2
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%	Glam liq4, Oral acute4, Inhalation acute4, Eye irrit2, Skin irrit2, STOT se 3 rsp, STOT rep2 (lung)

Section 4. First-Aid Measures

First-Aid: Eyes

Wash eyes with plenty of water. Hold eyelids open to ensure adequate flushing. Continue rinsing. If redness or other symptoms persist, seek medical advice / attention.

First-Aid: Skin

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

First-Aid: Ingestion

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

First-Aid: Inhalation

If after inhalation you feel unwell, seek medical advice. If spontaneous vomiting occurs, lean the exposed person forward to reduce the risk of aspiration. If necessary, provide additional oxygen once breathing is restored if trained to do so. If the exposed person is not breathing, provide artificial respiration.

First-Aid: Symptoms

Not specified.

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: Alcohol-resistant foam. Carbon dioxide. Powder BC. Water spray.

Unsuitable Extinguishing Media

High power water jets.

Protective Measures for Fire-Fighting

Wear full protective clothing. Wear self-contained breathing apparatus.

Special Protective Actions for Fire-Fighters

Avoid being exposed to gas / mist / dust / fume / vapor / spray / particles. Dike area to prevent runoff and contamination of water sources. Evacuate the people from the area.

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. Irritative vapors. Toxic gases. Toxic vapors.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Avoid being exposed to gas / mist / dust / fume / vapor / spray / particles. Eliminate all sources of heat and ignition. Evacuate the people from the area. Use explosion-proof electrical/ventilating/lighting equipment. Ventilate area of leak or spill. Wear appropriate chemical resistant gloves. Wear self-contained breathing apparatus or airline.

Environmental Precautions

Dike area to prevent runoff and contamination of water sources. Dispose off via a licensed waste disposal contractor. Dispose the material in accordance with the government regulation. Do not discharge into drains or any body of water (rivers, streams, ponds, lakes, etc). This product contains ingredients which are toxic to fish and invertebrates.

Clean-up Procedures

Absorb with cloth, fleece, sawdust, kieselgur, sand or other universal binder. Collect and transfer to a sealable container without splash or generating dust / mist for disposal by an appropriate method. Ensure cleanup is conducted by trained personnel only. If possible, the spilled liquid should be transferred to a waste container. Stop leak if safe to do so.

Large spills: If possible, dike the area to prevent spreading.

Section 7. Handling and Storage

Precautions for Safe Handling

Avoid being exposed to gas / mist / dust / fume / vapor / spray / particles. Avoid direct contact with the substance (solid / liquid / vapor). Check container for defect or leakage before handling. Handle in accordance with all current regulations and standards. Handle in accordance with good industrial hygiene and safety practice. Keep container tightly closed. Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes.

Conditions for Safe Storage

Keep container closed when not in use. Store in a cool, well ventilated area.

Keep away from: Electrical equipment. Fire. Heat. Open flame. Sparks. Static electricity.

Suitable Packaging

No particular packaging specified.

Incompatible Materials

Not specified.

Section 8. Exposure Controls / Personal Protection

Control Parameters / Limits for Component

Aluminum oxide

DNEL/DMEL	3000 µg/m ³ .
PNEC Seawater	20 mg/l.
PNEC Freshwater	0.0749 mg/l.
NIOSH	10 mg/m ³ .
ACGIH	1 mg/m ³ , (Respirable fraction, as Al).
OSHA PEL	TWA 5 mg/m ³ (Respirable).

Glycerin

DNEL/DMEL General Population Oral Chronic	229 mg/kg, Systemic effects.
DNEL/DMEL General Population Inhalation Chronic	33 mg/m ³ , Local effects.
DNEL/DMEL Worker Inhalation Chronic	56 mg/m ³ , Local effects.
PNEC Seawater	0.0885 mg/l, Continuous.
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).

White mineral oil

Date Created: 12/18/2015	160 mg/m ³ , Systemic effects.
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DNEL/DMEL Consumer
Inhalation Chronic

DNEL/DMEL Consumer 220 mg/kg/d, Systemic effects.
Dermal Chronic

NIOSH TWA 50 mg/m³.
1800 mg/m³(15min) Ceiling.

OSHA PEL TWA 500 ppm.
TWA 2000 mg/m³.

Distillates (petroleum), hydrotreated light

DNEL/DMEL General 19 mg/kg/d, Systemic effects.
Population Oral Chronic

NIOSH TWA 350 mg/m³ Ceiling.
1800 mg/m³(15min).

ACGIH TWA 400 ppm.

OSHA PEL 500 ppm.
2000 mg/m³.

Naphtha (petroleum), hydrotreated heavy

DNEL/DMEL General 19 mg/kg/d, Systemic effects.
Population Oral Chronic

NIOSH TWA 350 mg/m³ Ceiling.
1800 mg/m³(15min).

ACGIH TLV TWA 400 ppm.

OSHA PEL 500 ppm.
2000 mg/m³.

Engineering Measures

Provide adequate general and local exhaust ventilation.

Respiratory Protection

Certified self-contained breathing apparatus must be available in case of emergency. Use only outdoors or in a well-ventilated area.

Eye/Face Protection

Wear safety goggles.

Skin and Body Protection

Avoid contacting the product with skin.

Hand Protection

Wear appropriate chemical resistant gloves.

Hygiene Measures

Respect the occupational health and safety standards. Avoid contact during pregnancy or while nursing. Contaminated work clothing should not be allowed out of the workplace. 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	Green
Odor	Strawberry 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 / 77°F
Vapor density	Not available
Relative density w/r/t water	1.1
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

There are no specific conditions known which have to be avoided.

Hazardous Products of Decomposition

Hazardous polymerization does not occur. No decomposition hazardous products are specified.

Section 11. Toxicological Information

Toxicological Information for Product

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).

Ingestion: This product is an aspiration hazard.

Acute toxicity (Oral): This product is classified as acute toxicity category 5 (Oral).

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

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

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

Toxicological Information for Component

Glycerin

LD 50 Oral 4090 mg/kg, Mouse.
12.6 g/kg, Rat.

LC 50 Inhalation 570 mg/m³(1h).

LD 50 Dermal 10 g/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.

Aluminum oxide

LD 50 Oral >10000 mg/kg, Rat.

LC 50 Inhalation 7.6 mg/l.

White mineral oil

LD 50 Oral >5000 mg/kg, Rat.

LC 50 Inhalation >5000 mg/m³(4h).

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: 126 mg, mild, Draize test, rabbit.

Section 12. Ecological Information

Ecotoxicity Values for Component

White mineral oil

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

EC 50 Algae: 1000 mg/l (72 h), *Pseudokirchneriella subcapitata*.

Aluminum oxide

ECr 50 Algae: >100 mg/l.

EC 50 aquatic invertebrates: >100 mg/l.

LC 50 Fish: >100 mg/l.

Glycerin

LC 50 Fish: 50-67 mg/l LC50 (96 h), Rainbow trout. >5000 mg/l.

Glycerol homopolymer, Oleic acid ester

LC 50 Fish: 100 mg mg/l(95h), Leuciscus idus.

Naphtha (petroleum), hydrotreated heavy

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

Section 13. Disposal Considerations

Waste Disposal Regulation(s) / Operation

The generation of waste should be avoided or minimized wherever possible. 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. Whenever possible, reuse containers. To do this, rinse container with water and reuse water for another iteration or treat effluent as product residue as indicated in above.

Section 14. Transportation Information

Other

This product is not regulated for transport.

Section 15. Regulatory Information

Safety, Health and Environmental Regulations for Component

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.

OSHA: listed as hazardous.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act): Not listed.

SARA Section 313 (Specific toxic chemical listings): 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.

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.

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.

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.

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” developed by the United Nations.
IARC monographs:	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.