



Product: EX
Revision Date: 2/22/16

SAFETY DATA SHEET

Section 1. Product and Company Identification

Product Name: EX
Recommended Use(s): Vehicle Wax
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.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

Precautionary Statements:

Prevention

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

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

P264: Wash skin thoroughly after handling.

P261: Avoid breathing dust/fume/gas/mist/vapors/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.

P302+P352: IF ON SKIN: wash with plenty of soap and water.

P362: Take off contaminated clothing and wash before reuse.

P332+P313: IF SKIN irritation occurs: Get medical advice/attention.

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+P313: 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 to industrial combustion 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 2, STOT se 3 narcotic, Asp tox 1
64742-48-9	Naphtha (petroleum), hydrotreated heavy	10% to 25%	Flam4, Skin irrit2, Carc 1B, Muta 1B, STOT se 3 narcotic, Asp tox 1
66402-68-4	Calcinated kaolin clay	10% to 15%	Skin irrit2, Eye irrit2A, STOT se3 resp,
63148-62-9	Polydimethylsiloxane	1% to 5%	Skin irrit2, Eye irrit2, Env acute 2
93-83-4	Fatty alkanolamide	1% to 5%	Eye irrit2b, Skin irrit2, STOT SE 3 resp
8015-86-9	Carnauba wax	1% to 5%	Flam liq 3, Skin 2, STOT se 3 narcotic, Asp tox 1

Section 4. First-Aid Measures

First-Aid: Eyes

Immediately flush with clean, low-pressure water for several minutes. Hold eyelids open to ensure adequate flushing. Remove the contact lenses if worn and easy to do that. Continue rinsing.

First-Aid: Skin

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

First-Aid: Ingestion

If after ingestion you feel unwell, seek medical advice. If spontaneous vomiting occurs, lean the exposed person forward to reduce the risk of aspiration. In case of ingestion of large quantities immediately take the exposed person to hospital. Rinse the mouth with water. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

First-Aid: Inhalation

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

First-Aid: Other

If exposed or concerned, get medical advice / attention. Remove from exposure. Seek medical attention if symptoms occur.

General advice: Never give anything by mouth to an unconscious person. Only induce vomiting at the instruction of a physician.

Section 5. Fire-Fighting Measures

Suitable Extinguishing Media

The suggested appropriate media: Alcohol-resistant foam. Carbon dioxide. Powder BC.

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.

Combustion Products

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

Specific Hazards Arising from Combustion of Products

Explosive when mixed with combustible material.

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. Isolate and restrict access to area until completion of cleanup. Use explosion-proof electrical/ventilating/lighting equipment. Ventilate area of leak or spill. Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes.

Environmental Precautions

Dike area to prevent runoff and contamination of water sources. Dispose off via a licensed waste disposal contractor.

Clean-up Procedures

Ensure cleanup is conducted by trained personnel only. If possible, the spilled liquid should be transferred to a waste container. Residual liquid should be absorbed and placed in separate container.

Large spills: If possible, dike the area to prevent spreading. Absorb with cloth, fleece, sawdust, kieselgur, sand or other universal binder.

Section 7. Handling and Storage

Precautions for Safe Handling

Avoid being exposed to gas / mist / dust / fume / vapor / spray / particles. Check container for defect or leakage before handling. Do not eat, drink or smoke during handling. Do not handle until all safety precautions have been read and understood. Ensure there is sufficient ventilation of the area. Handle in accordance with good industrial hygiene and safety practice. No smoking or open flame in storage, use, or handling areas. Report immediately if physical damage, leakage, or spillage occurs. Wash any exposed area of body thoroughly after handling. Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes.

Conditions for Safe Storage

Have appropriate fire extinguishers and spill clean-up equipment in or near storage area. Keep container closed when not in use. Store in a cool, well ventilated area.

Conditions to avoid: Frost.

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

Suitable Packaging

Always keep in containers made of the same materials as the supply container. Store in original container / packaging.

Incompatible Materials

Not 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.
NIOSH	TWA 350 mg/m ³ Ceiling. 1800 mg/m ³ (15min).
ACGIH TLV	TWA 400 ppm.
OSHA PEL	500 ppm. 2000 mg/m ³ .

Naphtha (petroleum), hydrotreated heavy

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

Calcinated kaolin clay

DNEL/DMEL General Population Oral Chronic	229 mg/kg, Systemic effects.
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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). TWA 5 mg/m ³ (Respirable).
Fatty alkanolamide	
DNEL/DMEL Consumer Oral Acute	6.25 mg/kg, Local effect.
PNEC Sporadic release	0.032 mg/l.
PNEC Seawater Sediment	0.02663 mg/kg. 830 mg/l.
PNEC Freshwater Sediment	0.661 mg/m ³ , Systemic effects.
DNEL/DMEL Worker Dermal Chronic	4.16 mg/kg, Systemic effect.
DNEL/DMEL Worker Inhalation Chronic	73.44 mg/m ³ , Systemic effect.
DNEL/DMEL Consumer Inhalation Chronic	21.734 mg/m ³ , Systemic effect.
DNEL/DMEL Consumer Dermal Chronic	2.5 mg/kg, Systemic effect. 0.01873 mg/cm ² , Local effect.
PNEC Seawater	0.0007 mg/l.
PNEC Freshwater	0.007 mg/l.
PNEC Soil	0.1262 mg/kg.

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. 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

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.

Section 9. Physical and Chemical Properties

Basic physical and chemical properties Information

Physical State	liquid Cream
Appearance	Yellow
Odor	Banana Fragrance
Odor threshold	Not available
pH	7.1 at 25°C
Melting point	Not available
Boiling point	Greater than 65°C / 149°F
Flash Point	68°C / 154.4°F Closed Cup
Evaporation rate w/r/t ether	Not available
Evaporation rate w/r/t butyl acetate	Not available
Flammability	liquid
Flammability limit	Not available
Vapor pressure	3169 Pa at 25°C / 77°
Vapor density	Not available
Relative density w/r/t water	0.98 to 1.02
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	Not available
Decomposition temperature	Not available
Viscosity	Not available
Freezing point	8.14 lb/gal
Density	0.98 g/cm ³
Explosion limit (upper)	6 %vol
Explosion limit (lower)	1 %vol

Section 10. Chemical Stability & Reactivity Information

Stability/Reactivity

Chemical stability: This product is stable under ambient condition.

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

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. Direct sunlight. Electrical equipment. Fire. Heat. Open flame. Sparks. Static electricity.

Hazardous Products of Decomposition

Decomposition will Result in Production of : Carbon dioxide (CO₂). Carbon monoxide (CO).

Section 11. Toxicological Information

Toxicological Information for Product

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- Narcotic effect. This product is considered a STOT repeated exposure category 1.

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.

Polydimethylsiloxane

LD 50 Oral	>17 g/kg, Rat.
LD 50 Dermal	>2 g/kg, Rabbit.

Fatty alkanolamide

LD 50 Oral	12400 µl/kg, Rat. 10000 mg/kg, Mouse.
LD 50 Dermal	>2 g/kg, Rabbit.

Distillates (petroleum), hydrotreated light

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

Carnauba wax

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

Skin: Causes severe skin burns and eye damage.

Eyes: Causes serious eye damage.

Irritation/Corrosion Information for Component

Polydimethylsiloxane

Skin: 500 µl/24h, mild, Draize test, Rabbit.

Eye: 100 µl/24h, mild, Draize test, Rabbit. 100 mg/1h, mild, Draize test, Rabbit. 100 µl/24h, moderate, Draize test, Rabbit.

Section 12. Ecological Information

Ecotoxicity Values for Product

Ecotoxicity: No ecotoxicity values specified for product.

Section 13. Disposal Considerations

Waste Disposal Regulation(s) / Operation

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. Users need to pay attention to the possible existence of regional or national regulations regarding disposal.

Section 14. Transportation Information

UN Number	1993.
UN Proper Shipping Name	Combustible liquids, n.o.s.
Hazard Class	3.
Packing Group	III.

Section 15. Regulatory Information

Safety, Health and Environmental Regulations for Component

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.

Polydimethylsiloxane

EUROPE:	European Inventory of Existing Commercial Chemical Substances (EINECS): listed.
CANADA:	Domestic Substances List (DSL): listed.
US:	TSCA (Toxic Substances Control Act): listed.

Fatty alkanolamide

EUROPE:	European Inventory of Existing Commercial Chemical Substances (EINECS): listed.
CANADA:	DSL: This component is listed on the DSL list.
US:	TSCA (Toxic Substances Control Act): listed.

Carnauba wax

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:	EINECS: This component is listed in European Inventory of Existing Commercial Chemical Substances.
CANADA:	Domestic Substances List (DSL): listed.
US:	TSCA (Toxic Substances Control Act): listed.

Section 16. Other Information

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).
ATE:	Acute Toxicity Estimate.
BCF:	BioConcentration Factor.
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.
CMR:	Carcinogenic, Mutagenic or toxic for Reproduction.
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
EINECS:	European Inventory of Existing Commercial chemical Substances.
ELINCS:	European List of Notified Chemical Substances.
EPA:	US Environmental Protection Agency.

ErC50:	ErC50 means EC50 in terms of reduction of growth rate after exposure. Damaging to eyes.
Eye dam:	Irritant to the eye.
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.
LOAEC:	Lowest adverse effects concentrations.
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.