

SAFETY DATA SHEET
ECONOMY THINNERS (GUNWASH)

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risk of irreversible effects through inhalation. Harmful: may cause lung damage if swallowed.

2.2. Label elements

Label elements under CLP:

Hazard statements: H225: Highly flammable liquid and vapour.
H361d: Suspected of damaging the unborn child.
H302+312: Harmful if swallowed or in contact with skin.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H412: Harmful to aquatic life with long lasting effects.

Signal words: Danger

Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark
GHS08: Health hazard
GHS09: Environmental



Precautionary statements: P405: Store locked up.
P235: Keep cool.
P308+313: IF exposed or concerned: Get medical advice.
P403: Store in a well-ventilated place.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P309+311: IF exposed or if you feel unwell: Call a POISON CENTER or doctor.
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.
P273: Avoid release to the environment.
P243: Take precautionary measures against static discharge.
P321: Specific treatment (see medical advice on this label).
P242: Use only non-sparking tools.
P270: Do not eat, drink or smoke when using this product.
P241: Use explosion-proof electrical/ventilating/lighting equipment.
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
P202: Do not handle until all safety precautions have been read and understood.
P240: Ground/Bond container and receiving equipment.
P201: Obtain special instructions before use.

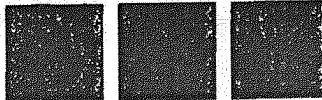
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Label elements under CHIP:

Hazard symbols: Highly flammable.
Harmful.
Dangerous for the environment.



Risk phrases: R10: Flammable.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R39/27/28: Very toxic: danger of very serious irreversible effects in contact with skin and if swallowed.
R38: Irritating to skin.
R67: Vapours may cause drowsiness and dizziness.
R11: Highly flammable.
R66: Repeated exposure may cause skin dryness or cracking.
R63: Possible risk of harm to the unborn child.
R20/21: Harmful by inhalation and in contact with skin.
R22: Harmful if swallowed.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R36/37: Irritating to eyes and respiratory system.
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R68/20: Harmful: possible risk of irreversible effects through inhalation.
R65: Harmful: may cause lung damage if swallowed.

Safety phrases: S36/37: Wear suitable protective clothing and gloves.

2.3. Other hazards

PBT: This product is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ACETONE - REACH registered number(s): 01-2119471330-49

EINECS	CAS	CHIP Classification	CLP Classification	Percent
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200-662-2	67-64-1	F: R11; Xi: R36; -: R66; -: R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	10.000%
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TOLUENE - REACH registered number(s): 01-2119471310-51-XXXX

203-625-9	108-88-3	F: R11; Xi: R38; Xn: R48/20; Xn: R63; Xn: R65; -: R67	Flam. Liq. 2: H225; Repr. 2: H361d; Asp. Tox. 1: H304; STOT RE 2: H373; Skin Irrit. 2: H315; STOT SE 3: H336	10.000%
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XYLENE

215-535-7	1330-20-7	-, R10; Xn: R20/21; Xi: R38	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	10.000%
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BUTAN-2-OL

201-158-5	78-92-2	-, R10; Xi: R36/37; -: R67	Flam. Liq. 3: H226; Eye Irrit. 2: H319; STOT SE 3: H335; STOT SE 3: H336	5.000%
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M.E.K.

201-159-0	78-93-3	F: R11; Xi: R36; Xn: R20/21; Xi: R38	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066; Acute Tox. 4: H312; Skin Irrit. 2: H315	5.000%
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NORMAL BUTYL ACETATE

204-658-1	123-86-4	-, R10; -: R66; -: R67 Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226; STOT SE 3: H336; -, EUH066	5.000%
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ETHANOL

200-578-6	64-17-5	F: R11 Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	5.000%
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ETHYL ACETATE - REACH registered number(s): 01-2119475103-46-XXXX

205-500-4	141-78-6	F: R11; Xi: R36; -: R66; -: R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	5.000%
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M.I.B.K.

203-550-1	108-10-1	F: R11; Xn: R20; Xi: R36/37; -: R66	Flam. Liq. 2: H225; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; -: EUH066	5.000%
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ISOPROPYL ACETATE

203-561-1	108-21-4	F: R11; Xi: R36; -: R66; -: R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	5.000%
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METHANOL - REACH registered number(s): 01-2119433307-44-XXXX

200-659-6	67-56-1	F: R11; T: R23/24/25; T: R39/23/24/25	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370	5.000%
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METHYL ACETATE

201-185-2	79-20-9	F: R11; Xi: R36; -: R66; -: R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	5.000%
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ISO PROPANOL

200-661-7	67-63-0	F: R11; Xi: R36; -: R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	5.000%
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HEPTANE - REACH registered number(s): 01-2119475515-33-XXXX

205-563-8	142-82-5	F: R11; Xn: R65; Xi: R38; -: R67; N: R50/53	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	1.000%
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Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact:** Wash immediately with plenty of soap and water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Do not induce vomiting. Wash out mouth with water. Consult a doctor.
- Inhalation:** Move to fresh air in case of accidental inhalation of vapours. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

- Skin contact:** There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact.
- Eye contact:** There may be irritation and pain.
- Ingestion:** Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. There may be a feeling of tightness in the chest with shortness of breath.
- Delayed / immediate effects:** There may be drowsiness, slurred speech, muscular weakness, muscle twitching, tremor, blurred vision, dilated pupils and shock. There may be vomiting and diarrhoea.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol resistant foam. Dry chemical powder. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Vapour may travel considerable distance to source of ignition and flash back. Highly flammable. Forms explosive air-vapour mixture.

[cont...]

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5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Mix with sand or vermiculite. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous Ingredients:

ACETONE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1210 mg/m ³	3620 mg/m ³	-	-

[cont...]

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TOLUENE

UK	191 mg/m ³	384 mg/m ³	-	-
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XYLENE

UK	220 mg/m ³	441 mg/m ³	-	-
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BUTAN-2-OL

UK	308 mg/m ³	462 mg/m ³	-	-
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M.E.K.

UK	600 mg/m ³	899 mg/m ³	-	-
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NORMAL BUTYL ACETATE

UK	724 mg/m ³	966 mg/m ³	-	-
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ETHANOL

UK	1920 mg/m ³	-	-	-
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ETHYL ACETATE

UK	200 ppm	400 ppm	-	-
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M.I.B.K.

UK	208 mg/m ³	416 mg/m ³	-	-
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ISOPROPYL ACETATE

UK	420 mg/m ³	849 mg/m ³	-	-
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METHANOL

UK	266 mg/m ³	333 mg/m ³	-	-
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METHYL ACETATE

UK	616 mg/m ³	770 mg/m ³	-	-
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ISO PROPANOL

UK	999 mg/m ³	1250 mg/m ³	-	-
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HEPTANE

UK	2100 mg/m ³	8400 mg/m ³	-	-
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8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.
- Hand protection:** Protective gloves.
- Eye protection:** Tightly fitting safety goggles.
- Skin protection:** Solvent resistant protective clothing.
- Environmental:** Prevent from entering in public sewers or the immediate environment.

[cont...]

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Various

Odour: Characteristic odour

Solubility in water: Insoluble

Viscosity: Viscous

Flammability limits %: lower: 1

upper: 36.5

Flash point°C: <21

Relative density: 0.8-0.9 @ 20c

VOC g/l: 840

9.2. Other information

Other information: this material is a mixture of solvents that can vary, this will effect the boiling point range, flash point, relative density.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat. Flames. Sources of ignition.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ACETONE

IVN	RAT	LD50	5500	mg/kg
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[cont...]

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ORL	MUS	LD50	3000	mg/kg
ORL	RAT	LD50	5800	mg/kg

TOLUENE

IVN	RAT	LD50	1960	mg/kg
ORL	MUS	LD50	2	gm/kg
ORL	RAT	LD50	6900	mg/kg

XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

BUTAN-2-OL

IVN	RAT	LD50	138	mg/kg
ORL	RAT	LD50	2193	mg/kg
SKN	RAT	LD50	>2	gm/kg

NORMAL BUTYL ACETATE

ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	10768	mg/kg

ETHANOL

IVN	RAT	LD50	1440	mg/kg
ORL	MUS	LD50	3450	mg/kg
ORL	RAT	LD50	7060	mg/kg

ETHYL ACETATE

ORL	MUS	LD50	4100	mg/kg
ORL	RAT	LD50	5620	mg/kg
SCU	RAT	LDLO	5	gm/kg

M.I.B.K.

IPR	RAT	LD50	400	mg/kg
ORL	MUS	LD50	1900	mg/kg
ORL	RAT	LD50	2080	mg/kg

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ISOPROPYL ACETATE

IVN	RAT	LDLO	174	mg/kg
ORL	RAT	LD50	6750	mg/kg

METHANOL

IVN	RAT	LD50	2131	mg/kg
ORL	MUS	LD50	7300	mg/kg
ORL	RAT	LD50	5628	mg/kg

METHYL ACETATE

ORL	RAT	LD50	>5	gm/kg
SCU	RAT	LDLO	8	gm/kg

ISO PROPANOL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

HEPTANE

IVN	MUS	LD50	222	mg/kg
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Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH DRM ING	Hazardous: calculated
Irritation	OPT INH DRM	Hazardous: calculated
Repeated dose toxicity	INH	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact.

Eye contact: There may be irritation and pain.

Ingestion: Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. There may be a feeling of tightness in the chest with shortness of breath.

Delayed / immediate effects: There may be drowsiness, slurred speech, muscular weakness, muscle twitching, tremor, blurred vision, dilated pupils and shock. There may be vomiting and diarrhoea.

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Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Highly volatile.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Toxic to soil organisms. Toxic to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Solvent reclamation/regeneration.

Waste code number: 08.10.11

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1263

14.2. UN proper shipping name

Shipping name: PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: II

[cont...]

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14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Special precautions: Emergency code 3YE..... Tunnel Restriction Code (D/E)

Transport category: 3

Section 15: Regulatory Information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H301: Toxic if swallowed.

H302+312: Harmful if swallowed or in contact with skin.

H304: May be fatal if swallowed and enters airways.

H311: Toxic in contact with skin.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H361d: Suspected of damaging the unborn child.

H370: Causes damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

[cont...]

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- H412: Harmful to aquatic life with long lasting effects.
- R10: Flammable.
- R11: Highly flammable.
- R20/21: Harmful by inhalation and in contact with skin.
- R20: Harmful by inhalation.
- R22: Harmful if swallowed.
- R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.
- R36/37: Irritating to eyes and respiratory system.
- R36: Irritating to eyes.
- R38: Irritating to skin.
- R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
- R39/27/28: Very toxic: danger of very serious irreversible effects in contact with skin and if swallowed.
- R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R63: Possible risk of harm to the unborn child.
- R65: Harmful: may cause lung damage if swallowed.
- R66: Repeated exposure may cause skin dryness or cracking.
- R67: Vapours may cause drowsiness and dizziness.
- R68/20: Harmful: possible risk of irreversible effects through inhalation.

Legal disclaimer: 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.