
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Standard Thinners/Airbrush Cleaner
- Product Part Number: 0836 ZP-5101 / ZP-5105 / ZP-5109 / ZP-5113 / ZP-5116

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

- Use of the substance/mixture: Thinner

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Equilibrium Chemical Services Limited
- Address of Supplier: Unit 5 Merebrook Business Park
Hanley Road
Welland
Worcestershire
WR13 6NP
- Telephone: 01684 311393
- Responsible Person: Equilibrium Technical Team
- Email: Enquiries@equilibriumchemical.net

1.4 Emergency telephone number

- Emergency Telephone: 01684 311393 (office hours only)
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Asp. Tox. 1, STOT SE 3, Flam. Liq. 1, Eye Irrit. 2, Repr. 2, STOT RE 2, Aquatic Chronic 3

2.2 Label elements



- Signal Word: Danger
- Hazard statements
 - H224 - Extremely flammable liquid and vapour.
 - EUH066 - Repeated exposure may cause skin dryness or cracking.
 - H401 - Toxic to aquatic life.
 - H336 - May cause drowsiness or dizziness.
 - H373 - May cause damage to organs through prolonged or repeated exposure.
 - H319 - Causes serious eye irritation.
 - H304 - May be fatal if swallowed and enters airways.
 - H412 - Harmful to aquatic life with long lasting effects.
- Precautionary statements
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 2: Hazards identification (....)

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
 P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P403+P235 - Store in a well-ventilated place. Keep cool.
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 P308+P313 - IF exposed or concerned: Get medical advice/attention.

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.2 Mixtures

- methanol

| | |
|----------------------------|---|
| CAS Number: | 67-56-1 |
| EC Number: | 200-659-6 |
| REACH Registration Number: | 01-2119433307-44-xxxx |
| Concentration: | 5 - 10% |
| Categories: | Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, STOT SE 1 |
| Symbols: | GHS02;GHS06;GHS08;F; T |
| R/H Phrases: | H225;H331;H311;H301;H370 **;R11;R23/24/25;R39/23/24/25 |
- ethanol; ethyl alcohol

| | |
|----------------------------|-----------------------|
| CAS Number: | 64-17-5 |
| EC Number: | 200-578-6 |
| REACH Registration Number: | 01-2119457610-43-xxxx |
| Concentration: | 5 - 10% |
| Categories: | |
| Symbols: | GHS02;F |
| R/H Phrases: | H225;R11 |
- acetone; propan-2-one; propanone

| | |
|----------------------------|---------------------------------------|
| CAS Number: | 67-64-1 |
| EC Number: | 200-662-2 |
| REACH Registration Number: | 01-2119471330-49-xxxx |
| Concentration: | 10 - 30% |
| Categories: | Eye Irrit. 2, STOT SE 3 |
| Symbols: | GHS02;GHS07;F; Xi |
| R/H Phrases: | H225;H319;H336;EUH066;R11;R36;R66;R67 |
- propan-2-ol; isopropyl alcohol; isopropanol

SECTION 3: Composition/information on ingredients (....)

- | | |
|----------------------------|----------------------------|
| CAS Number: | 67-63-0 |
| EC Number: | 200-661-7 |
| REACH Registration Number: | 01-2119457558-25-xxxx |
| Concentration: | <5% |
| Categories: | Eye Irrit. 2, STOT SE 3 |
| Symbols: | GHS02;GHS07;F; Xi |
| R/H Phrases: | H225;H319;H336;R11;R36;R67 |
- 1-methoxy-2-propanol; monopropylene glycol methyl ether
- | | |
|----------------------------|-----------------------|
| CAS Number: | 107-98-2 |
| EC Number: | 203-539-1 |
| Concentration: | 5 - 10% |
| REACH Registration Number: | 01-2119457435-35-xxxx |
| Categories: | STOT SE 3 |
| Symbols: | GHS02;GHS07 |
| R/H Phrases: | H226;H336;R10;R67 |
- butanone; ethyl methyl ketone
- | | |
|----------------------------|---------------------------------------|
| CAS Number: | 78-93-3 |
| EC Number: | 201-159-0 |
| REACH Registration Number: | 01-2119457290-43-xxxx |
| Concentration: | 5 -10% |
| Categories: | Eye Irrit. 2, STOT SE 3 |
| Symbols: | GHS02;GHS07;F; Xi |
| R/H Phrases: | H225;H319;H336;EUH066;R11;R36;R66;R67 |
- n-hexane
- | | |
|----------------------------|---|
| CAS Number: | 110-54-3 |
| EC Number: | 203-777-6 |
| REACH Registration Number: | 01-2119480412-44-xxxx |
| Concentration: | 5 - 10% |
| Categories: | Skin Irrit. 2, Repr. 2, STOT SE 3, STOT RE 2, Aquatic Chronic 2 |
| Symbols: | GHS02;GHS08;GHS07;GHS09;F; Xn; N |
| R/H Phrases: | H225;H361f ***,H304;H373 **;H315;H336;H411;R11;R38;R48/20;R62;R65;R67;R51/5 3 |
- butan-2-ol
- | | |
|----------------------------|------------------------------------|
| CAS Number: | 78-92-2 |
| EC Number: | 201-158-5 |
| REACH Registration Number: | 01-2119475146-36-xxxx |
| Concentration: | 5 -10% |
| Categories: | Eye Irrit. 2, STOT SE 3 |
| Symbols: | GHS02;GHS07;Xi |
| R/H Phrases: | H226;H319;H335;H336;R10;R36/37;R67 |
- ethyl acetate

SECTION 3: Composition/information on ingredients (....)

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|----------------------------|---------------------------------------|
| CAS Number: | 141-78-6 |
| EC Number: | 205-500-4 |
| REACH Registration Number: | 01-2119475103-46-xxxx |
| Concentration: | 5 - 10% |
| Categories: | Eye Irrit. 2, STOT SE 3 |
| Symbols: | GHS02;GHS07;F; Xi |
| R/H Phrases: | H225;H319;H336;EUH066;R11;R36;R66;R67 |
- isopropyl acetate
- | | |
|----------------------------|---------------------------------------|
| CAS Number: | 108-21-4 |
| EC Number: | 203-561-1 |
| REACH Registration Number: | 01-2119537214-46 |
| Concentration: | 5 - 10% |
| Categories: | Eye Irrit. 2, STOT SE 3 |
| Symbols: | GHS02;GHS07;F; Xi |
| R/H Phrases: | H225;H319;H336;EUH066;R11;R36;R66;R67 |
- 4-methylpentan-2-one; isobutyl methyl ketone
- | | |
|----------------------------|---|
| CAS Number: | 108-10-1 |
| EC Number: | 203-550-1 |
| REACH Registration Number: | 01-2119473980-30-xxxx |
| Concentration: | 5 - 10% |
| Categories: | Acute Tox. 4, Eye Irrit. 2, STOT SE 3 |
| Symbols: | GHS02;GHS07;F; Xn |
| R/H Phrases: | H225;H332;H319;H335;EUH066;R11;R20;R36/37;R66 |
- heptane; n-heptane
- | | |
|----------------------------|--|
| CAS Number: | 142-82-5 |
| EC Number: | 205-563-8 |
| REACH Registration Number: | 01-2119457603-38-xxxx |
| Concentration: | 5 - 10% |
| Categories: | Skin Irrit. 2, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1 |
| Symbols: | GHS02;GHS08;GHS07;GHS09;F; Xn; N |
| R/H Phrases: | H225;H304;H315;H336;H400;H410;R11;R38;R65;R67;R50/53 |
- toluene
- | | |
|----------------------------|---|
| CAS Number: | 108-88-3 |
| EC Number: | 203-625-9 |
| REACH Registration Number: | 01-2119471310-51-xxxx |
| Concentration: | 10 - 40% |
| Categories: | Skin Irrit. 2, Repr. 2, STOT SE 3, STOT RE 2 |
| Symbols: | GHS02;GHS08;GHS07;F; Xn |
| R/H Phrases: | H225;H361d ***;H304;H373 **;H315;H336;R11;R38;R48/20;R63;R65;R67 |
- n-butyl acetate

SECTION 3: Composition/information on ingredients (....)

- | | |
|----------------------------|------------------------------|
| CAS Number: | 123-86-4 |
| EC Number: | 204-658-1 |
| REACH Registration Number: | |
| Concentration: | 5 - 10% |
| Categories: | STOT SE 3 |
| Symbols: | GHS02;GHS07 |
| R/H Phrases: | H226;H336;EUH066;R10;R66;R67 |
- xylene

| | |
|----------------|---|
| CAS Number: | 1330-20-7 |
| EC Number: | 215-535-7 |
| Concentration: | 5 - 10% |
| Categories: | Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2 |
| Symbols: | GHS02;GHS07;Xn |
| R/H Phrases: | H226;H332;H312;H315;R10;R20/21;R38 |
 - Hydrocarbons, C9, aromatics

| | |
|----------------|-----------------------------|
| CAS Number: | 64742-95-6 |
| EC Number: | 918-668-5 |
| Concentration: | 5 -10% |
| Categories: | STOT SE 3, Aquatic Acute 1 |
| Symbols: | GHS02, GHS08, GHS09, GHS07 |
| H Statements: | H226; H304; H411; H335-H336 |
-

SECTION 4: First aid measures

4.1 Description of first aid measures

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF SWALLOWED: Call a POISON CENTRE/doctor/ if you feel unwell.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- IF exposed or concerned: Get medical advice/attention.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

4.2 Most important symptoms and effects, both acute and delayed

- Contact with eyes
- May cause severe irritation
- May cause redness and irritation
- Inhalation
- Causes dizziness, confusion, headache or stupor
- Aspiration hazard
- Contact with skin
- Causes severe irritation
- In cases of severe exposure, severe irritation may develop
- Ingestion
- Aspiration hazard

SECTION 4: First aid measures (....)

- Causes dizziness, confusion, headache or stupor
- Causes gastro-intestinal disturbances

4.3 Indication of any immediate medical attention and special treatment needed

- Immediately call a POISON CENTER or doctor/physician.
-

SECTION 5: Firefighting measures**5.1 Extinguishing media**

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide
- Do not use water jets

5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

- Never direct water jets on leaking liquid
 - Wear protective clothing as per section 8
 - Wear chemical protection suit and positive-pressure breathing apparatus
 - Decomposition products may include toxic and irritant fumes
 - Keep container(s) exposed to fire cool, by spraying with water
-

SECTION 6: Accidental release measures**Spillage causes slippery surface****Vapours may ignite****6.1 Personal precautions, protective equipment and emergency procedures**

- Wear protective clothing as per section 8
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- Stop leak if safe to do so.

6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities
- In confined spaces, sewers, etc., the vapours may collect to form explosive mixtures with air
- Stop leak if safe to do so.

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Collect as much as possible in clean container for reuse or disposal
- Dispose of this material and its container at hazardous or special waste collection point

6.4 Reference to other sections

- See Section 8
-

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Wear protective gloves/protective clothing/eye protection/face protection.
- Forms hazardous decomposition products
- Use explosion-proof [electrical/ventilating/lighting/
- Use non-sparking tools.
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- Get medical advice/attention if you feel unwell.
- Dispose of contents/container to an authorised waste collection point

7.2 Conditions for safe storage, including any incompatibilities

- Forms hazardous decomposition products
- Use explosion-proof [electrical/ventilating/lighting/
- Store in a well-ventilated place. Keep container tightly closed.
- Store in a well-ventilated place. Keep cool.
- Stable under normal conditions
- Keep away from oxidising substances

7.3 Specific end use(s)

- See Section 8, 13
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- acetone; propan-2-one; propanone
WEL (long term): 12103620 mg/m³
WEL (short term): 3620 mg/m³
- butan-2-ol
WEL (short term): 308 mg/m³
WEL (long term): 462 mg/m³
- butanone; ethyl methyl ketone
WEL (short term): 600 mg/m³
WEL (long term): 899 mg/m³
- n-butyl acetate
WEL (long term): 724 mg/m³
WEL (short term): 966 mg/m³
- ethanol; ethyl alcohol
WEL (long term): 1920 mg/m³
- ethyl acetate
WEL (long term): 200 ppm
WEL (short term): 400 ppm
- heptane; n-heptane

SECTION 8: Exposure controls/personal protection (....)

- WEL (long term): 2085500 mg/m³
- WEL (short term): 500 ppm
- n-hexane
 - WEL (long term): 72216 mg/m³
 - WEL (short term): 216 mg/m³
- 4-methylpentan-2-one; isobutyl methyl ketone
 - WEL (long term): 208 mg/m³
 - WEL (short term): 416 mg/m³
- isopropyl acetate
 - WEL (short term): 849 mg/m³
- methanol
 - WEL (long term): 266 mg/m³
 - WEL (short term): 333 mg/m³
- 1-methoxy-2-propanol; monopropylene glycol methyl ether
 - WEL (long term): 770 mg/m³
 - WEL (short term): 616 mg/m³
- propan-2-ol; isopropyl alcohol; isopropanol
 - WEL (long term): 999 mg/m³
 - WEL (short term): 1250 mg/m³
- toluene
 - WEL (long term): 191 mg/m³
 - WEL (short term): 384 mg/m³
- xylene
 - WEL (long term): 220 mg/m³
 - WEL (short term): 441 mg/m³

8.2 Exposure controls



- Wear protective gloves/protective clothing/eye protection/face protection.
- Use personal protective equipment as required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Colourless liquid
- Boiling Point/Range: 56
- Density: Not known g/cm³
- Flash point: <21 deg C (CC)
- Melting point/Range: Melting point - not known
- Odour: Strong smell of solvent
- pH: 5 -9

SECTION 9: Physical and chemical properties (....)**9.2 Other information**

- None
-

SECTION 10: Stability and reactivity**10.1 Reactivity**

- This article is considered stable under normal conditions

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- In use, may form flammable/explosive vapour-air mixture
- No hazardous reactions known if used for its intended purpose
- Vapours may ignite

10.4 Conditions to avoid

- Avoid contact with oxidising substances
- Keep away from heat and sources of ignition
- Keep away from naked flames, incandescent or hot surfaces

10.5 Incompatible materials

- Incompatible with oxidizing substances

10.6 Hazardous decomposition products

- Decomposition products may include toxic and irritant fumes
-

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

- toluene
 - LD50 (oral,rat): 5000 mg/kg
 - LD50 (skin,rat): 12124 mg/kg
 - LC50 (inhalation,rat): 28.1 mg/l/4h
-

SECTION 12: Ecological information**12.1 Toxicity**

- heptane; n-heptane
 - EC50 (daphnia): >1 mg/l (48 hr)
 - LC50 (fish): >1 mg/l (96 hr)
- Hydrocarbons, C9, aromatics
 - IC50 (algae): 10 mg/l (72 hr)
 - EC50 (daphnia): 10 mg/l (48 hr)
 - LC50 (fish): 4.6 mg/l (96 hr)

12.2 Persistence and degradability

SECTION 12: Ecological information (....)

- Readily biodegradable

12.3 Bioaccumulative potential

- Low bioaccumulation potential

12.4 Mobility in soil

- This substance is poorly absorbed onto soils or sediments
- Substance remaining on soil surface evaporated within one day
- immiscible with water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other adverse effects

- Toxic to sewage works organisms
-

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

- Avoid release to the environment. Refer to special instructions/Safety data sheets
 - Do not discharge into drains or the environment, dispose to an authorised waste collection point
 - Dispose of this material and its container at hazardous or special waste collection point

 - Dispose of contents/container to an authorised waste collection point
 - Dispose of contents/container to
-

SECTION 14: Transport information**14.1 UN number**

- UN No.: 1993

14.2 Proper Shipping Name

- Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.

14.3 Transport hazard class(es)

- Hazard Class: 3

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards

- Marine pollutant

14.6 Special precautions for user

- Transport Regulations apply as indicated in previous section

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable
-

SECTION 15: Regulatory information

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

- Labelling according to Regulation (EC) No 1272/2008 GHS label elements

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
 - This Safety Data Sheet does not constitute a workplace risk assessment
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-
EUH066: Repeated exposure may cause skin dryness or cracking. H225: Highly flammable liquid and vapour. H226: Flammable liquid and vapour. H301: Toxic if swallowed. 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. H361f: Suspected of damaging fertility. H370: Causes damage to organs. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H411: Toxic to aquatic life with long lasting effects. R10: Flammable. R11: Highly Flammable. R20: Harmful by inhalation. R20/21: Harmful by inhalation and in contact with skin. R23/24/25: Toxic by inhalation, in contact with skin and if swallowed. R36: Irritating to eyes. R36/37: Irritating to eyes and respiratory system. R38: Irritating to skin. R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, 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. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R62: Possible risk of impaired fertility. 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.

Legal Disclaimer

- This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

--- end of safety datasheet ---
