



FERRYL®



SAFETY DATA SHEET

Safety Data Sheet no.1

Compiled: 14/1/2001

FERRYL 404

Plastic Thinner

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1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Tradename: Ferryl 404
CAS-no.: Not defined
Application: For specific application. Consult product data sheet.
Company Identification: AB Ferryl
Box 120 Tel: (+46) 46 25 50 50
245 22 Staffanstorp Fax: (+46) 46 25 02 64
Sweden
Emergency Contact: See company identification

2. COMPOSITION AND INFORMATION ON INGREDIENTS

Preparation: A mixture of solvents, pigments etc.
Hazardous Components: Solvent
CAS-no.: 1330-20-7
Conc. %: approx. 50
Index: Xn
R-phrases: R10

3. IDENTIFICATION OF HAZARDS

Fire Hazards:

Any spillage should be considered as a potential fire hazard as hazardous air/vapour mixtures may form at temperatures above the flashpoint (48°C). Vapour is heavier than air and may travel to remote sources of ignition.

Health Hazards:

On swallowing, the product can be aspirated and cause severe pneumonitis, which will require urgent treatment.

4. FIRST AID MEASURES

General:

Never give anything to eat or drink to an unconscious person. If possible show this data sheet to the doctor in charge.

Inhalation:

If exposure to fumes or vapour causes drowsiness, headache, irritation to the nose or throat, or coughing, move to fresh air and seek medical attention if complaints persist.

If breathing has failed, assist respiration, preferably by mouth-to-mouth method, and administer cardiac massage if necessary. Seek medical attention immediately.

Skin contact:



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Wash skin thoroughly with soap as soon as reasonably possible. Clothing should be removed and laundered before next use. If product under high pressure is injected through the skin, obtain medical advice urgently.

Eye Contact:

Wash eye with copious quantities of water, while holding eyelids open. Obtain medical advice if any pain or redness develops or persists. If material is hot, flood with cold water, and seek emergency medical attention as fast as possible.

Ingestion:

If contamination of the mouth occurs, wash out thoroughly with water. Except as a deliberate act, significant quantities are very unlikely to be ingested. If it should occur, do not induce vomiting, obtain medical advice.

Medical Advice:

There are no specific antidotes or other therapeutic measures. Treat symptomatically.

5. FIRE FIGHTING MEASURES

Any spillage should be regarded as a potential fire risk. In the case of any major fire call the Fire Service. Ensure an escape route is always available from any fire.

There is a danger of flashback if sparks or a hot surface ignites vapour. Use foam, dry powder or water fog. Do not use water jets. Avoid spraying directly into storage containers. Fires in confined spaces should be dealt with by trained personnel with breathing apparatus.

Combustion products:

Toxic fumes may be evolved on burning or exposure to heat. See stability and reactivity, Point 10.

6. ACCIDENTAL RELEASE MEASURES

Hazardous air/vapour mixtures may form at temperatures above the flashpoint. Any spillage should be regarded as a potential fire hazard. Isolate spillages from all ignition sources.

Ensure good ventilation, especially if in a confined space.

Clear unnecessary persons from the area.

Wear protective clothing. See exposure controls/personal protection, point 8.

Spilled material may make surface slippery.

Clean up spilled material immediately. Use suitable inert absorbent material, eg. sand, to contain and recover spilled material. Keep sufficient absorbent material to anticipate any reasonable spill.

In the case of large spillages, recovery should be undertaken by specialist personnel. If unable to deal with a large spill immediately cover with foam, for example, to prevent vapour forming.

Protect drains from potential spills. Do not wash product into drainage systems.



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In the case of spillages into water, prevent the spread of the product and recover products from surface. Protect environmentally sensitive areas and water supplies. Contact appropriate authorities in the case of significant spillages. Regular surveillance of the spillage should be maintained, if not cleared.

7. HANDLING AND STORAGE

Storage Conditions:

Store and dispense only in well-ventilated areas away from heat and sources of ignition. Store and use only with equipment/containers designed for use with this type of product. Containers should be properly labelled and kept closed when not in use. Empty containers may contain some remaining product. Retain labelling when empty.

Handling:

Ensure good ventilation. Avoid inhalation of vapour as far as reasonably practicable. If vapour or fumes are noticed, they should be controlled to lowest practical concentration. Avoid skin contact and observe good hygiene. Avoid eye contact. If splashing is likely, wear appropriate eye protection. Change heavily contaminated clothing as soon as reasonably practical and wash before next use. Wash skin thoroughly after contact. Whilst using, do not eat, drink or smoke. Discard heavily used cloths. Take necessary precautions to avoid accidental spillage into soil or water.

Fire prevention:

Dispose of safely material used to absorb product. Avoid exposing product to high temperatures or sources of ignition. Empty containers may contain some product; do not weld empty containers.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:

There are no specific exposure limits for this product. Ensure good ventilation and avoid exposure to vapour or fumes. Control vapour or fumes, if experienced, to lowest practical concentration. Comply with current local occupational exposure limits.

Protective Clothing:

If splashing or repeated or prolonged contact may be reasonably anticipated, suitable protective clothing should be worn, including gloves of an appropriate standard and approved eye protection. If skin contact is likely, wear impervious protective clothing and gloves. Protective clothing should be inspected, maintained and washed regularly.

Respiratory Protection:

If significant exposure to vapour or fumes is likely, suitable respiratory protection should be worn. Comply with manufacturers instructions and statutory requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|----------------------|------------------|-------------------------------|
| Typical data: | Physical State: | Liquid |
| | Colour: | Clear |
| | Odour: | Characteristic |
| | Flash point: | 48°C (tested using ASTM D 93) |
| | Vapour Density: | >1 (air =1) |
| | Density at 20°C: | 865 kg/cbm |

10. STABILITY AND REACTIVITY

Stability:

Stable at ambient temperatures.

Hazardous decomposition products:

Thermal decomposition can produce a variety of compounds, the precise nature of which will depend on the decomposition conditions.

Materials to avoid:

Avoid contact with strong oxidising agents.



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11. TOXICOLOGICAL INFORMATION

Health Effects - Eyes:

Unlikely to cause more than transient or redness if accidental eye contact occurs.

- Skin:

Unlikely to cause harm to the skin on other than prolonged or repeated contact, which can cause degreasing, redness or cutaneous fissures.

- Ingestion:

Product can be aspirated on swallowing or regurgitation, and cause chemical pneumonitis, which will require urgent treatment. Induction of vomiting and gastric lavage should be avoided.

- Inhalation:

Likely to be irritating to the respiratory tract if high concentrations of vapour or fumes are inhaled. May cause irritation to eyes, nose and throat due to exposure to vapour or fumes. Inhalation of very high concentrations of vapour can cause unconsciousness.

12. ECOLOGICAL INFORMATION

This product is not classified as dangerous to the environment, although practical precautions should be undertaken to prevent and control significant spillages.

13. DISPOSAL CONSIDERATIONS

Used product should be considered as waste that can possibly affect the environment. Protect drains from potential spills. Do not wash product into drainage systems. Dispose of product, and containers containing remaining product, by suitable means under conditions approved by local authorities, or via a licensed waste disposal contractor. Do not dispose of product or container near ponds, ditches, drains or soil. Retain labelling on empty containers. At sea, used product and containers should be stored safely for disposal at port. Disposal of large quantities should be effected by specialist personnel.

14. TRANSPORT INFORMATION

Not classified as dangerous goods by ADR/RID, IMDG, or DGR



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15. REGULATORY INFORMATION

Labelling:

Indication of danger: Not classified as dangerous to health

Symbol: None

Safety (S-) phrases:

S2 Keep out of reach of children

S7 Keep container tightly closed

S9 Keep container in a well ventilated area

S23 Do not breathe fumes or vapour

S24 Avoid contact with skin

S36/37 Wear suitable protective clothing and gloves.

S38 In case of insufficient ventilation wear suitable respiratory equipment.

S43 In case of fire use foam or dry powder. Never use water.

S62 If swallowed, do not induce vomiting. Seek medical advice and show this sheet.

16. OTHER INFORMATION

This information has been compiled in an effort to provide the user with a complete view of the possible situations that can arise in proper as well as improper use of the product.

The information is as specific and extensive as possible but may also possibly not be accurate for all individual persons and situations. The user of this product must evaluate and use the product safely and comply with all laws, rules and regulations applicable to its use.

The undersigned company and any of its employees shall not be responsible for any damage or injury arising from the abnormal use of this product or failure to comply with the information contained in this data sheet or from any hazards inherent in the nature of the material.

Compiled by:

AB Ferryl

Box 120

245 22 Staffanstorp

Sweden

Tel: (+46) 46 25 50 50

Fax: (+46) 46 25 02 64
