



F040 STRONGARM - MIN. 32 DRUMS

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT CODE: F040
PRODUCT NAME: STRONGARM - MIN. 32 DRUMS
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2. COMPOSITION/INFORMATION ON INGREDIENTS

| NAME CAS No.: | EINECS Nr.: | CLASSIFICATION | CONTENT |
|--|-------------|------------------------|---------|
| 2-BUTOXYETHANOL 111-76-2 | 203-905-0 | Xn;R20/21/22 Xi;R36/38 | 5-10 % |
| ALCOHOL ETHOXYLATE | | Xi;R38,R41. | 5-10 % |
| ANIONIC SURFACTANT | | Xi;R36/37/38. | 1-5 % |
| SODIUM HYDROXIDE 1310-73-2 | 215-185-5 | C;R35 | 1-5 % |
| Trisodium nitrilotriacetate 5064-31-3 | 225-768-6 | Xn;R22. Xi;R36. | 1-5 % |

The full text for all R-Phrases are displayed in Section 16

3. HAZARDS IDENTIFICATION

R34 Causes burns.

4. FIRST AID MEASURES

GENERAL: CAUTION! First Aid personnel must be aware of own risk of burns. Chemical burns must be dealt with immediately, do not delay.

INHALATION: Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.

INGESTION: DO NOT INDUCE VOMITING!, Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!

SKIN: Immediately remove contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention immediately.

EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials. Use: Dry chemicals, sand, dolomite etc. Foam. Water spray.

SPECIAL FIRE FIGHTING PROCEDURES: Use water to keep fire exposed containers cool and disperse vapours.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS: Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Inform Authorities if large amounts are involved.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS: Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS: Store separated from: Acids.

USAGE DESCRIPTION: Controlled substance storage.



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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

| | | | | |
|------------------|----------|-----|--------------|---------------|
| INGREDIENT NAME: | CAS No.: | STD | LT EXP 8 Hrs | ST EXP 15 Min |
| 2-BUTOXYETHANOL | | WEL | | |

PROTECTIVE EQUIPMENT:



9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------|---------------------------|
| APPEARANCE: | Clear, Liquid |
| COLOUR: | colourless |
| ODOUR: | Mild (or faint), Solvent. |
| DENSITY/SPECIFIC GRAVITY(g/ml) | 1.070 - 1.080 |
| pH-VALUE, CONC. SOLUTION: | >13.0 |
| SOLUBILITY: | Soluble in water |

10. STABILITY AND REACTIVITY

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|----------------------|---|
| STABILITY: | Stable under normal temperature conditions. |
| CONDITIONS TO AVOID: | Avoid contact with acids. |
| MATERIALS TO AVOID: | Strong acids. Reacts strongly with light metals such as aluminium and zinc, producing hydrogen which is Highly Flammable. |

11. TOXICOLOGY INFORMATION

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|---------------|---|
| INHALATION: | May cause damage to mucous membranes in nose, throat, lungs and bronchial system. |
| INGESTION: | Causes burns. Harmful if swallowed. |
| SKIN CONTACT: | Causes burns. |
| EYE CONTACT: | Causes burns. Risk of serious damage to eyes. |

12. ECOLOGICAL INFORMATION

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| ECOTOXICITY: | Not regarded as dangerous for the environment. |
|--------------|--|

13. DISPOSAL CONSIDERATIONS

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| DISPOSABLE METHODS: | Dispose of waste and residues in accordance with local authority requirements. |
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14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



| | |
|--------------------------|--|
| UN No ROAD: | 1760 |
| UK ROAD TRANSPORT CLASS: | 8 |
| UK ROAD PACK GR.: | III |
| ADR CLASS NO.: | 8 |
| ADR CLASS: | Class 8: Corrosive substances. |
| PROPER SHIPPING NAME I: | CORROSIVE LIQUID,NOS (Sodium hydroxide, Trisodium nitrilotriacetate) |
| UN No SEA: | 1760 |
| IMDG CLASS: | 8 |
| UN NO. AIR: | 1760 |
| ICAO CLASS: | 8 |

15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



| | |
|----------------------------|--|
| RISK PHRASES: | R34 Causes burns. |
| SAFETY PHRASES: | S1/2 Keep locked up and out of the reach of children. S23 Do not breathe vapour/spray. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S27 Take off immediately all contaminated clothing. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible). S51 Use only in well-ventilated areas. |
| STATUTORY INSTRUMENTS: | Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health. |
| APPROVED CODE OF PRACTICE: | Classification and Labelling of Substances and Preparations Dangerous for Supply. |
| GUIDANCE NOTES: | Workplace Exposure Limits EH40. CHIP for everyone HSG(108). |
| DETERGENT LABELLING: | |
| | 5-15% Anionic surfactants |
| | 5-15% Non-ionic surfactants |
| | 5-15% NTA (nitrilotriacetic acid) and salts thereof |



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16. OTHER INFORMATION

USER NOTES:

REVISION DATE:

REV. NO./REPL. SDS GENERATED:

R-PHRASES (Full Text):

The following risk phrases relate to the raw materials in the product and not the product itself:-

16/05/2006

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R20/21/22 Harmful by inhalation, in contact with skin and if swallowed., R36/38 Irritating to eyes and skin.| R35 Causes severe burns.| R36/37/38 Irritating to eyes, respiratory system and skin.| R38 Irritating to skin., R41 Risk of serious damage to eyes.| R22 Harmful if swallowed., R36 Irritating to eyes.|