

**M.S.D.S. SHEET**

| <b>1. MATERIAL IDENTIFICATION</b> |                 |
|-----------------------------------|-----------------|
| <b>NAME:</b>                      | BUPI CLEANER    |
| <b>SUPPLIED BY:</b>               | BUPI UK LIMITED |
| <b>TELEPHONE NO:</b>              | 020 748 65353   |
| <b>FAX NO:</b>                    | 01954 260662    |

| <b>2. COMPOSITION ON INGREDIENTS</b> |  |                |        |      |
|--------------------------------------|--|----------------|--------|------|
| INGREDIENTS                          | CAS No   | CONTENTS % W/W | HEALTH | RISK |
| SODIUM METASILICATE                  | 6834-92-0  | 40-50          | C      | 34   |
| TETRA POTASSIUM PYROPHOSPHATE        | 7320-34-5  | 20-30          | XI     | 36   |
| TRI SODIUM PHOSPHATE                 | 7601-54-9  | 10-20          | -      | -    |
| COMPOSITION COMMENTS                 | CONTAINS ADDITIONAL INGREDIENTS AS FOLLOWS, WHICH ARE EITHER UNCLASSIFIED OR BELOW THE CONCENTRATION REQUIRING DECLARATION UNDER CHIP REGULATIONS: INORGANIC ALKALINE SALTS, SEQUESTRANTS, BIODEGRADABLE SURFACTANT. |                |        |      |

| <b>3. HAZARDS IDENTIFICATION</b>        |  |
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| CORROSIVE – CAUSES BURNS TO EYES & SKIN |  |

| <b>4. FIRST AID MEASURES</b> |   |
|------------------------------|---|
| EYES:                        | WASH IMMEDIATELY WITH FLOWING WATER FOR AT LEAST 10 MINUTES HOLDING EYE LIDS APART. BEWARE OF SPREADING THE CONTAMINATION TO OTHER AREAS. OBTAIN IMMEDIATE MEDICAL ATTENTION.   |
| SKIN:                        | REMOVE ALL CONTAMINATED CLOTHING. WASH THOROUGHLY UNDER A STREAM OF WATER FOR AT LEAST 10 MINUTES. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS OR BLISTERING OCCURS OR CONTACT IS SEVERE.   |
| INGESTION                    | RINSE MOUTH WITH WATER IMMEDIATELY. IF CONSCIOUS GIVE WATER TO DRINK. <b>DO NOT INDUCE VOMITING</b> . OBTAIN IMMEDIATE MEDICAL ATTENTION.   |
| INHALATION                   | NOT APPLICABLE. BUT IF ANY ILL EFFECTS ARE FELT MOVE TO FRESH AIR AT ONCE. WEAR PROTECTIVE CLOTHING AND BREATHING APPARATUS IF NECESSARY IF BREATHING HAS STOPPED PERFORM ARTIFICIAL RESPIRATION. KEEP AT REST AND OBTAIN MEDICAL ATTENTION |

| <b>5. FIRE FIGHTING MEASURES</b>                   |  |
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| FLAMMABILITY:                                      | NON FLAMMABLE  |
| EXTINGUISH USING:                                  | IF IN FIRE USE EXTINGUISHING MEDIA APPROPRIATE TO THE FIRE CONCERNED.  |
| DO NOT USE:  |  |
| HAZARDS PRESENT IN CASE OF FIRE: & DECOMP PRODUCTS | ON HEATING TO TOTAL DECOMPOSITION THE FOLLOWING MAY PRODUCE OXIDES OF CARBON, OXIDES OF PHOSPHORUS, SODIUM OXIDE AND SILICA.       |
| PRECAUTIONS FOR FIRE FIGHTERS:                     | TOXIC & CORROSIVE GASES MAYBE PRODUCED IF HEATED TO TOTAL DECOMPOSITION, HENCE BREATHING APPARATUS SHOULD BE WORN IN CASE OF FIRE. |

**6. ACCIDENTAL RELEASE MEASURES**

EVACUATE AREA, WEAR DUST MASK & PROTECTIVE CLOTHING. SWEEP UP POWDER CAREFULLY AND TRANSFER INTO POLYTHENE CONTAINERS FOR RE-USE IF NOT CONTAMINATED OR DISPOSE OF VIA A LICENCED WASTE DISPOSAL CONTRACTOR. WASH AWAY RESIDUES WITH WATER. WORKING SOLUTION SPILLAGES MAY BE WASHED AWAY WITH WATER PROVIDING THEY ARE SMALL SPILLAGES FOR LARGE SPILLAGES FLUSH TO EFFLUENT PLANT OR ABSORB WITH SAND OR EARTH. ALWAYS WEAR PROTECTIVE AREA

**7. HANDLING & STORAGE**

**USAGE PRECAUTIONS:** AVOID POWDER OR SOLUTION WITH SKINN AND EYES. AVOID INHALATION OF DUST. AVOID CONTACT WITH STRONG ACIDS WEAR SUITABLE PROTECTIVE CLOTHING. DO NOT EAT OR DRINK WHEN HANDLING THIS PRODUCT. DISPOSE OF BAGS CAREFULLY TO AVOID CREATING DUST. WASH HANDS AFTER USE. **STORAGE PRECAUTIONS:** STORE IN A DRY AREA AWAY FROM STRONG ACIDS & FOOD STUFFS. STORE AND TRANSPORT THE PRODUCT IN ORIGINAL CONTAINERS. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

**8. EXPOSURE CONTROLS & PERSONAL PROTECTION**

| INGREDIENT NAME                | CAS No   | STD | LT EXP 8 HRS | ST EXP 15 MINS |
|--------------------------------|--|-----|--------------|----------------|
| SODIUM METASILICATE            | 6834-92-0  | -   | NO STD       | NO STD         |
| TETRA POTASSIUM PYRO PHOSPHATE | 7320-34-5  | -   | NO STD       | NO STD         |
| TRI SODIUM PHOSPHATE           | 7601-54-9  | -   | NO STD       | NO STD         |
| PROTECTIVE EQUIPMENT:          | EYE/FACE PROTECTION, APRON & FULL LENGTH GAUNLETS  |     |              |                |
| VENTILATION:                   | GENERAL OR LOCAL EXHAUST VENTILATION SHOULD BE PROVIDED.   |     |              |                |
| RESPIRATORS:                   | NOT NORMALLY REQUIRED, PRODUCT CONTAINS A ANTI DUST AGENT.   |     |              |                |
| PROTECTIVE GLOVES:             | IMPERMEABLE GLOVES COMPLYING TO BS1651. PVC OR NATURAL RUBBER.   |     |              |                |
| EYE PROTECTION:                | EYE/FACE PROTECTION APPLYING TO BS2092 CHEMICAL GRADE. GOGGLE AND VISOR. CONTACT LENSES SHOULD NOT BE WORN WHILE USING THIS PRODUCT. |     |              |                |

**9. PHYSICAL & CHEMICAL PROPERTIES**

|                        |                                    |
|------------------------|------------------------------------|
| APPEARANCE:            | DAMP POWDER                        |
| ODOUR:                 | ORANGE FRAGRANCE                   |
| RELATIVE DENSITY:      | TEMP C S.G. :                      |
| pH                     | CONCENTRATE: WORKING SOLUTION:12.5 |
| SOLUBILITY/MISCIBILITY | SOLUBLE IN WATER                   |
| FLAMMABILTY:           | NON FLAMMABLE                      |
| COLOUR:                | OFF WHITE                          |

| <b>10. STABILITY &amp; REACTIVITY</b> |  |
|---------------------------------------|--|
| CONDITIONS TO AVOID:                  | AVOID CONDITIONS INVOLVING CONTACT WITH MATERIAL IN SECTION BELOW.   |
| MATERIAL TO AVOID:                    | STRONG ACIDS. REACTION MAY BE VIOLENT. WILL RELEASE CARBON DIOXIDE. SOLUTIONS IN HIGH CONCENTRATION MAY ALSO ATTACK ZINC, ALUMINIUM, TIN & MAGNESIUM WITH THE EVOLUTION OF HYDROGEN. |
| DECOMPOSITION PRODUCTS:               | HEATING TO TOTAL DECOMPOSITION THE FOLLOWING MAYBE PRODUCED; OXIDES OF PHOSPHORUS, SODIUM OXIDE & SILICA.  |

| <b>11. TOXOLOGICAL INFORMATION</b> |  |
|------------------------------------|--|
| EYES:                              | PAIN OR IRRITATION, WATERING, REDNESS, CORNEAL BURNS MAY OCCUR.        |
| SKIN:                              | SKIN IRRITATION OR REDNESS MAY OCCUR.                                  |
| INHALATION:                        | MAY CAUSE IRRITATION OF NASAL TRACT & RESPIRATORY SYSTEM.              |
| INGESTION:                         | MAY CAUSE IRRITATION OR BURNS TO THE MOUTH, THROAT & DIGESTIVE SYSTEM. |

| <b>12. ECOLOGICAL INFORMATION</b>  |
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| SURFACTANTS IN THIS PRODUCT ARE BIODEGRADABLE, HOWEVER NO BIODEGRADABLE TESTS HAVE BEEN CARRIED OUT. |

| <b>13. DISPOSAL CONSIDERATIONS</b>   |
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| USERS SHOULD CONTACT THEIR LOCAL WASTE AUTHORITY TO ASCERTAIN THEIR DISPOSAL REQUIREMENTS. |

| <b>14. TRANSPORT INFORMATION</b> |               |           |
|----------------------------------|---------------|-----------|
| U.N                              | PACKING GROUP | ADR CLASS |
| 1759                             | 111           | 8         |

| <b>15. REGULATORY INFORMATION</b>   |           |
|---|-----------|
| CHIP LABEL:   | CORROSIVE |
| RISK PHRASES:<br>R34 CORROSIVE TO EYES & SKIN   |           |
| SAFETY PHRASES:<br>S24/25 AVOID CONTACT WITH SKIN & EYES<br>S26 IN CASE OF CONTACT WITH EYES RINSE IMMEDIATELY WITH PLENTY OF WATER & SEEK MEDICAL ADVICE.<br>S28 AFTER CONTACT WITH SKIN WASH IMMEDIATELY WITH PLENTY OF WATER.<br>S36/37/39 WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES, EYE/FACE PROTECTION.<br>S45 IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL SEEK IMMEDIATE MEDICAL ADVICE (SHOW LABEL WHERE POSSIBLE)                            |           |
| REGULATORY REFERENCES:<br>USERS SHOULD ALSO CONSIDER THE REQUIREMENTS OF THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS (COSHH) THE HEALTH & SAFETY ACT & ENVIRONMENTAL PROTECTION ACT (EPA) USERS SHOULD ALSO NOTE THAT THE HEALTH & SAFETY INFORMATION SHEET HAS BEEN PREPARED ACCORDING TO THE REQUIREMENTS OF DIRECTIVE 91/155/EEC. ASSESSMENTS, BUT ITS POSSESSION DOES NOT REMOVE THE NEED FOR SUCH ASSESSMENTS TO BE CARRIED OUT. |           |

**16. OTHER INFORMATION**

FOR FURTHER INFORMATION OR ADVICE CONTACT OUR TECHNICAL OFFICE ON 020 748 65353.

**UPDATED: MAY 2007**