

MATERIAL SAFETY DATA SHEET

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1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME: **FLEETCLEAN**

MANUFACTURER/SUPPLIER: **EUROCHEM (NORTHERN) LTD.**

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EMERGENCY TELEPHONE AS ABOVE.

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION: *AN ALKALINE SOLUTION CONTAINING SODIUM HYDROXIDE (1-3%) AND SODIUM METASILICATE (2-5%)*

<i>SODIUM HYDROXIDE</i>	<i>CAS 1310-73-2</i>	<i>C;R34</i>
<i>SODIUM METASILICATE</i>	<i>CAS 6834-92-0</i>	<i>C;R34</i>

3. HAZARD IDENTIFICATION

SKIN: *THE LIQUID IS IRRITATING TO THE SKIN AND EYES AND IF INGESTED MAY CAUSE IRRITATION TO THE MOUTH AND DIGESTIVE TRACT.*

EYES: *IT MAY CAUSE BURNS IF CONTACT IS PROLONGED AND THERE IS A POSSIBILITY OF PERMANENT EYE DAMAGE.*

4. FIRST AID MEASURES

EYES: *IRRIGATE THOROUGHLY WITH WATER FOR AT LEAST 10 MINUTES: OBTAIN MEDICAL ATTENTION.*

LUNGS: *IF EXPOSED TO THE VAPOURS PRODUCED FROM OVERHEATING OF THE PRE-DILUTED LIQUID, REMOVE FROM EXPOSURE, REST AND KEEP WARM.*

SKIN: *WASH OFF SKIN THOROUGHLY WITH WATER, REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. IN SEVERE CASES OBTAIN MEDICAL ATTENTION.*

MOUTH: *WASH OUT MOUTH THOROUGHLY WITH WATER AND GIVE PLENTY OF WATER TO DRINK. DO NOT INDUCE VOMITING. OBTAIN MEDICAL ATTENTION.*

5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURE: *WEAR SELF CONTAINED BREATHING APPARATUS AND FIGHT FIRE WITH WATER SPRAY OR FOAM. DO NOT ALLOW PREPARATION OR WATER RUN OFF TO ENTER DRAINS OR WATER COURSES. ANY RUN OFF WILL BE STRONGLY ALKALINE AND MAY CAUSE BURNS. NOT FLAMMABLE, BUT MAY EVOLVE TOXIC FUMES IF INVOLVED IN A FIRE.*

6. ACCIDENTAL RELEASE MEASURES

WEAR APPROPRIATE PROTECTIVE CLOTHING. INFORM OTHERS TO KEEP TO A SAFE DISTANCE. FOR SPILLAGE USE SAND OR AN INERT ABSORBENT, TRANSFER TO A CONTAINER AND ARRANGE REMOVAL BY A DISPOSAL COMPANY.

FOR LARGE SPILLAGE'S LIQUIDS SHOULD BE CONTAINED WITH SAND OR EARTH AND BOTH SOLIDS AND LIQUIDS TRANSFERRED TO A SALVAGE CONTAINERS. ANY RESIDUES SHOULD BE TREATED AS FOR SMALL SPILLAGE'S AND DILUTED WITH LARGE AMOUNTS OF WATER BEFORE ENTERING DRAINS.
DO NOT ALLOW THE MATERIAL TO ENTER DRAINS OR WATERCOURSES WHERE ITS ALKALINITY WILL CAUSE ENVIRONMENTAL DAMAGE (IN PRE-DILUTED FORM).
IF THE MATERIAL HAS ENTERED WATERCOURSES OR SURFACE DRAINS IT IS NECESSARY TO INFORM LOCAL AUTHORITIES AND THE FIRE BRIGADE.

7. HANDLING AND STORAGE

HANDLING: AVOID CONTACT WITH EYES, HANDS, SKIN AND CLOTHING.

STORAGE: STORE AT ROOM TEMPERATURE. KEEP TIGHTLY CLOSED AND PROTECT FROM DIRECT SUNLIGHT. STORE IN PLASTIC OR PLASTIC LINED CONTAINERS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE MEASURES: AS APPROPRIATE TO QUANTITY HANDLED.

RESPIRATOR: N/A

VENTILATION: USE IN A VENTILATED AREA WHERE POSSIBLE.

GLOVES: RUBBER OR PVC GLOVES.

EYE PROTECTION: GOGGLES OR FACE SHIELD.

OTHER PRECAUTIONS: PLASTIC APRON, SLEEVES, BOOTS-IF HANDLING LARGE QUANTITIES.
EYE WASH FACILITIES SHOULD BE PROVIDED.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: LIQUID

COLOUR: COLOURLESS

ODOUR: SLIGHT ODOUR

pH: STRONGLY ALKALINE

MELTING POINT: N/A

BOILING POINT: 100 C

FLASH POINT: N/A

AUTOFLAMMABILITY: N/A

EXPLOSIVE PROPERTIES: STABLE

SOLUBILITY: WATER-FULLY MISCIBLE

10. STABILITY AND REACTIVITY

STABILITY: STABLE

SUBSTANCES TO BE AVOIDED: OXIDISING AGENTS, STRONG ACIDS, ALUMINIUM, ZINC, GALVANISED CONTAINERS.

HAZARDOUS DECOMPOSITION PRODUCTS: COULD EVOLVE SULPHUR DIOXIDE AND NITROGEN OXIDES IF INVOLVED IN A FIRE.

11. TOXICOLOGICAL INFORMATION

AFTER SKIN CONTACT: SOME IRRITATION, IF CONTACT IS PROLONGED MAY CAUSE SKIN CRACKING OR BURNS.

AFTER EYE CONTACT: SEVERE IRRITATION, POSSIBLY CORNEAL DAMAGE.

AFTER INGESTION: IRRITATION TO STOMACH, NAUSEA, VOMITING. ASPIRATION MAY CAUSE LUNG DAMAGE.

AFTER INHALATION: MAY CAUSE VERY SLIGHT IRRITATION TO THE UPPER RESPIRATORY TRACT IF USED IN CONFINED SPACES.

12. ECOLOGICAL INFORMATION

MOBILITY: *NOT KNOWN*
DEGRADABILITY: *BIODEGRADABLE AT LOW CONCENTRATIONS*
ACCUMULATION: *UNLIKELY TO ACCUMULATE*
ECOTOXICITY: *HARMFUL TO AQUATIC ORGANISMS*

13. DISPOSAL CONSIDERATIONS

DO NOT WASH DOWN DRAINS UNLESS FULLY DILUTED.
THE PREPARATION IS A HAZARDOUS WASTE UNDER THE ENVIRONMENTAL PROTECTION ACT, CONTROL OF POLLUTION AND SPILLAGE MUST BE DISPOSED OF BY A REGISTERED WASTE DISPOSAL COMPANY IN ACCORDANCE WITH APPLICABLE LOCAL NATIONAL REGULATIONS.

DISPOSAL OF PACKAGING: RECYCLE OR SCRAP AFTER DECONTAMINATION AS APPROPRIATE.

14. TRANSPORT INFORMATION

UN1719 CAUSTIC ALKALI LIQUID N.O.S. CONTAINS SODIUM METASILICATE 8 2R 80 III
SODIUM HYDROXIDE 8 2R 80 III

15. REGULATORY INFORMATION

SYMBOLS: *XI IRRITANT*

R-PHRASES: *R 36/38 IRRITATING TO THE EYES AND SKIN*

S-PHRASES: *S 24/25 AVOID CONTACT WITH SKIN AND EYES*
S 36/37/39 WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.
S45 IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK ADVICE IMMEDIATELY (AND SHOW THE LABEL WHERE POSSIBLE)

16. OTHER INFORMATION

USAGE: *CLEANING COMPOUND*

THE INFORMATION IN THIS DOCUMENT DOES NOT CONSTITUTE AN ASSESSMENT OF THE USERS WORKPLACE RISK AS REQUIRED IN OTHER HEALTH AND SAFETY LEGISLATION.

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REPLACES ALL PREVIOUS
