L.T.W. HANSEN & SON SAFETY DATA SHEET

1 Identification of the substance and the company :

White Fluid

L.T.W. Hansen & son 32 Hyde Vale Greenwich London SE10 8QH Tel 0208 6922798
07811908835

2 Composition:

Liquid: Containing Nitric Acid, Above 50%
EEC No. 231-714-2 CAS No.:7697-37-2

3 Hazards identification:

Toxic if swallowed. Causes severe burns.

4 First aid measures:

Eye Contact: Irrigate thoroughly with water for at least 10 minutes. OBTAIN MEDICAL ATTENTION.
Inhalation: Remove from exposure, rest and keep warm. In severe cases, or if exposure has been great, OBTAIN MEDICAL ATTENTION.
Skin contact: Drench the skin thoroughly with water and treat with magnesium Glycerol paste. Remove contaminated clothing and wash before reuse. Unless contact has been slight, OBTAIN MEDICAL ATTENTION.
Ingestion: Wash out mouth thoroughly with water and give plenty of water to drink. OBTAIN MEDICAL ATTENTION.

5 Fire Fighting:

Explosive in contact with combustible material. May evolve toxic fumes in fire

6 Accidental release measures:

Wear appropriate protective clothing. Inform others to keep at a safe distance. Spread soda ash liberally over the spillage. If local regulations permit, mop up cautiously with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to a container and arrange removal by disposal company. Wash site of spillage thoroughly with water.

7 Handling and storage:

Store at room temperature (below 15° C Recommended). Keep well closed and protected from direct sunlight and moisture. Store away from combustible materials.

8 Exposure controls/personal protection:

As appropriate to quantity handled. Respirator - Positive pressure hood. Ventilation - Fume cupboard. Gloves - High grade PVC. Eye protection - Goggles or face shield. Other Precautions - Plastic apron, sleeves, boots - if handling larger quantities.

9 Physical and chemical properties:

Form; Liquid Colour; Light yellow Odour; Very Pungent

10 Stability and reactivity:

Unsuitable working materials - Metals

Substances to be avoided;
Organic combustible substances, oxidizable substances, organic solvents, alcohols, ketones, aldehydes, amines, anilines, nitriles, organic nitro compounds, hydrazine and derivatives, acetylidene, metals, metal alloys, metallic oxides, alkaline earth metals, ammonia bases, acids, hydrides, hydrogen peroxide, phosphides, nitrides, lithium silicide.

11 Toxicological information:

Strongly corrosive substance. After skin contact - Burns. After eye contact - Burns, risk of blindness! After inhalation of vapours - coughing, dyspnoea. Inhalation may lead to the formation of oedemas in the respiratory tract. After ingestion - Tissue damage (mouth, oesophagus, gastrointestinal tract), strong pain (risk of perforation), bloody vomiting, death.

12 Ecological information:

Do not allow to enter drinking water supplies, waste water or soil. Harmful effect due to PH shift.

13 Disposal considerations:

Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advise, or pass to a chemical disposal company.

14 Transport information:

UN No -2031	IMDG class - 8	
IMO - 8/2031	Packaging group - II	
IATA - 2031	Packaging group - II	ADR/RID: 8,2'(b)

15 Regulatory information:

Symbols - C, O, T Corrosive Oxidizing Irritant Toxic
R- Phrases - R35
Causes severe burns
S - Phrases - S1 - 45 - 23A - 26 - 36 - 37- 39 - 45.
Keep locked up, keep in a cool place, Avoid exposure - obtain special instructions before use, In case of accident or if you feel unwell, seek medical advise immediately (show the label where possible).Do not breathe fumes, in case of eye contact rinse immediately with plenty of water and seek medical advise. Wear suitable protective clothing, wear suitable gloves, wear eye protection,

UK Exposure limits: OES, Long term, mg/m3: 5 - Nitric acid
ECNo.: 231-714-2

16 Other information:

Revision Date : 12.03.00

NOT FOR DOMESTIC USE