

ND-66 PAGE 1 OF 4

# MATERIAL SAFETY DATA SHEET

## COMPANY DETAILS

Company: CHEMSEARCH  
Address - Street: 5 RALPH STREET ALEXANDRIA  
- City : SYDNEY  
- State : NSW Postcode: 2015  
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Date of Issue: DEC - 2004  
Fax Number: (02) 9693 1562

## IDENTIFICATION

Product Name: ND-66

Other Names: SEWER DRAIN OPENER

Manufacturer's Product Code: 4416

Statement of Hazardous Nature:  
CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF NOHSC

UN Number: 1823

Dangerous Goods Class & Sub-risk: CLASS 8

Hazchem Code: 2X

Poisons Schedule: SCHEDULE 6

Packaging Group: II

Pack Size: 25kg drum and 2.5kg bottles

Container Type: FULL POLYETHYLENE, OPEN HEAD CONTAINER AND LID;  
POLY BOTTLE.

Major Recommended Uses:  
AS A SEWER DRAIN OPENER AND MAINTAINER TO REMOVE DEBRIS, GREASE,  
FAT AND OTHER ORGANIC MATERIAL FROM SEWER LINES.

Major recommended Method(s) of Application:  
DIRECTLY FROM THE CONTAINER.

## Physical Description/Properties

Appearance: BLUE, ODOURLESS, GRANULAR, FREE-FLOWING SOLID

Boiling Point: NOT APPLICABLE

## ND-66 PAGE 2 OF 4

Melting Point: NOT ESTABLISHED  
Vapour Pressure: NOT APPLICABLE

Specific Gravity: NOT ESTABLISHED

Flashpoint: NON FLAMMABLE

Flashpoint Method: NOT APPLICABLE  
Flammability Limits (%): NOT APPLICABLE

Solubility in Water (g/L): APPRECIABLE

Other Properties:  
pH (10%) : 13-14  
% VOLATILE: 1

### Ingredients

CHEMICAL ENTITY	CAS No.	PROPORTION
SODIUM HYDROXIDE	1310-73-2	50-60%
'INGREDIENTS DETERMINED NOT TO BE HAZARDOUS'		to 100%

### HEALTH HAZARD INFORMATION

#### Health Effects

Acute - Swallowed: CAUSES BURNS TO THE MOUTH, THROAT, STOMACH, OESOPHAGUS AND DEEP TISSUES; NAUSEA, VOMITING AND DIARRHOEA.

Acute - Eye:  
CAUSES BURNS, CORNEAL DAMAGE AND POSSIBLE BLINDNESS. MAY CAUSE EXCESSIVE BLINKING, TEAR PRODUCTION, REDNESS, PAIN AND SCARRING, INFECTION AND SWELLING OF THE CONJUNCTIVA.

Acute - Skin:  
CAUSES BURNS AND POSSIBLE DEEP ULCERATIONS OR SCARRING. CAN CAUSE BURNS WHICH ARE NOT IMMEDIATELY PAINFUL OR VISIBLE.

Acute - Inhaled: DUST CAUSES BURNS TO THE RESPIRATORY TRACT, NOSE, MOUTH AND THROAT, WITH DISCOMFORT, NASAL DISCHARGE, SNEEZING, COUGHING AND CHEST PAIN.

Chronic: INGESTION OF LARGE QUANTITIES MAY BE FATAL. REPEATED OR PROLONGED EXPOSURE TO THE SKIN CAN CAUSE SCARRING, CRACKING AND DERMATITIS.

#### First Aid

Swallowed: IF SWALLOWED, GIVE 3-4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. SEEK IMMEDIATE MEDICAL ATTENTION

## ND-66 PAGE 3 OF 4

Eye: IMMEDIATELY RINSE THE EYES WITH WATER FOR AT LEAST 15 MINUTES, HOLDING THE EYELIDS APART TO ENSURE RINSING OF THE ENTIRE EYE SURFACE. SEEK IMMEDIATE MEDICAL ATTENTION

Skin: WASH AFFECTED AREA WITH LARGE AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION

Inhaled:

REMOVE FROM THE AREA TO FRESH AIR. IF NOT BREATHING, START MOUTH TO MOUTH ARTIFICIAL RESPIRATION. SEEK MEDICAL ATTENTION

First Aid Facilities: EYEWASH

Advice to Doctor: TREAT AS WITH ANY STRONGLY ALKALINE PRODUCT

### PRECAUTIONS FOR USE

Exposure Standards:

SODIUM HYDROXIDE...TLV,TWA : 2 mg/CUBIC METRE  
SODIUM NITRATE. . .TLV,TWA...10 mg/CUBIC METRE

Engineering Controls: GENERAL EXHAUST IS ADEQUATE

Personal Protection:

RUBBER OR NITRILE GLOVES AND PROTECTIVE GOGGLES SHOULD BE WORN WHEN HANDLING PRODUCT

Flammability: NOT FLAMMABLE

### SAFE HANDLING INFORMATION

Storage and Transport:

STORE IN THE ORIGINAL CONTAINER IN A COOL, DRY, WELL-VENTILATED PLACE.

Spills and Disposal:

SHOVEL OR SWEEP UP AND PLACE INTO LABELLED CONTAINERS FOR RE-USE OR DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS. AVOID CONTACT WITH THE SPILL BY WEARING ALL THE NECESSARY PROTECTIVE EQUIPMENT. NEUTRALISE ANY RESIDUES WITH A DILUTE ACID SUCH AS HYDROCHLORIC, SULPHURIC, NITRIC, PHOSPHORIC OR ACETIC. ALTERNATELY, FLUSH WITH WATER FOLLOWED BY LIBERAL COVERING OF SODIUM BICARBONATE.

Fire/Explosion Hazard:

WHEN HEATED TO DECOMPOSITION, CAN EMIT GASEOUS OXIDES OF NITROGEN. CONTACT WITH NITRO-COMPOUNDS MAY FORM SHOCK SENSITIVE SALTS. DO NOT USE WATER TO EXTINGUISH FIRES WHERE THIS PRODUCT IS INVOLVED AS WATER WILL CAUSE A VIOLENT OR EXPLOSIVE REACTION.

ND-66 PAGE 4 OF 4

OTHER INFORMATION:

INCOMPATIBLE WITH STRONG ORGANIC AND MINERAL ACIDS; STRONG OXIDISING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE; ORGANIC HALOGENS; NITROMETHANE AND NITRO COMPOUNDS; CYANIDES; PROLONGED CONTACT WITH COPPER, TIN, ZINC (AND ALLOYS CONTAINING THESE METALS, SUCH AS BRASS AND BRONZE) AND ALUMINIUM, CHROMIUM AND MAGNESIUM.

CONTACT POINT

Title/Position: TECHNICAL SERVICES CHEMIST  
Section: TECHNICAL DEPARTMENT  
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