

## MATERIAL SAFETY DATA SHEET

### COMPANY DETAILS

Company	CHEMSEARCH
Address	Street: 5 RALPH STREET ALEXANDRIA City : SYDNEY State : NSW Postcode: 2015
Telephone Number(Office Hours)	(02) 9669 0260
Emergency Telephone Number(Outside Office Hours)	(02) 92140755
Date of Issue	February 2010
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
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%

MEGA DISTRIBUTORS

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### 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
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.

### 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
Telephone Number	02 9669 0208

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