

MATERIAL SAFETY DATA SHEET: ALL-PURPOSE CLEANER

Multipurpose cleaner

Section I - General Information

(000000-000000- - 93-282)

Date of Issue:
7/20/1993 12:00:00 AM

Chemical Name & Synonyms:
N/A

Chemical Family:
ALKALINE SOLUTION

Manufacturer Name:
CHEMSEARCH DIV. OF NCH CORP.

Manufacturer Address:
BOX 152170
IRVING, TX 75015

Prepared By:
L DEYOUNG/CHEMIST

Product Code Number:
93-282

Supercedes:
1/1/1989 12:00:00 AM

Trade Name & Synonyms:
ALL-PURPOSE CLEANER

Formula is a mixture: [v]

Emergency Phone Number:
800-424-9300

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)	Hazard	TLV	PEL	STEL	CAS #
SODIUM TRIPOLYPHOSPHATE	IRRITANT	N/E 1.	N/E 2.	N/E	7758-29-4
SODIUM XYLENE SULFONATE	IRRITANT	N/E 1.	N/E 2.	N/E	1300-72-7
DIETHANOLAMINE	IRRITANT	3PPM 1.	3PPM 2.	N/E	111-42-2
NONYL PHENOL POLYETHYLENE GLYCOL ETHER	IRRITANT	N/E 1.	N/E 2.	N/E	127087870

Section III - Physical Data

Boiling Point (°F): 212°F	Specific Gravity (H ₂ O=1): 1.10
Vapor Pressure (mm Hg): 16	Color: TURQUOISE BLUE
Vapor Density (Air=1): 0.6	Odor: LIGHT FRAGRANCE
pH @ 100% : 11.3	Clarity: TRANSPARENT
% Volatile by Volume: 85	Evaporation Rate (BuAc=1): 0.10
H ₂ O Solubility: COMPLETE	Viscosity: NON-VISCOUS

Section IV - Fire and Explosion Hazard

Flash Point: NON-FLAM
Flammable Limits: N/A
LEL: N/A

Method Used:
UEL: N/A

Aerosol Level (NFPA 30B): N/A

Extinguishing Media:

[v] Foam	[v] Alcohol Foam	[v] CO2
[v] Dry Chemical	[v] Water Spray	[v] Other

NFPA 704 Hazard Rating:

4-Extreme	Health: 2
3-High	Flammability: 0
2-Moderate	Instability: 0
1-Slight	Special:
0-Insignificant	

Special Fire Fighting Procedures:
AS WITH ALL FIRES INVOLVING CHEMICALS, FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. CHOOSE EXTINGUISHING MEDIA BASED ON SURROUNDING FIRE.

Unusual Fire and Explosion Hazards:
NONE

Section V - Health and Hazard Data

Threshold Limit Value:
NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:

Acute: (Short Term Exposure)
EYE CONTACT CAUSES SEVERE IRRITATION, REDNESS, AND TEARING. SKIN CONTACT CAUSES SEVERE IRRITATION, REDNESS AND ITCHING. INHALATION OF MIST CAUSES RESPIRATORY IRRITATION, SNEEZING, COUGHING, AND CHEST PAIN. SWALLOWING MAY CAUSE NAUSEA, VOMITING, DIARRHEA, DIZZINESS, DROWSINESS, FAINTNESS AND WEAKNESS.

Chronic: (Long Term Exposure)
REPEATED OR PROLONGED EYE CONTACT MAY CAUSE CORNEAL INJURY OR BURNS. REPEATED OR PROLONGED SKIN CONTACT MAY CAUSE DERMATITIS OR BURNS. PROLONGED OR WIDESPREAD SKIN CONTACT MAY RESULT IN THE ABSORPTION OF HARMFUL AMOUNTS OF MATERIAL THROUGH THE SKIN. REPEATED OR PROLONGED INGESTION MAY CAUSE SHOCK, DECREASED BLOOD PRESSURE, SLOW PULSE, CYANOSIS, COLLAPSE AND COMA. TARGET ORGANS: LIVER AND KIDNEY.

Primary Routes of Entry

[v] Inhalation	[] Ingestion	[v] Absorption
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Emergency First Aid Procedures:

Inhalation:
REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

Eye Contact:
IMMEDIATELY RINSE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING FOR AT LEAST 15 MINUTES. HOLD THE EYELIDS APART TO ENSURE RINSING OF THE ENTIRE SURFACE OF THE EYES AND LIDS WITH WATER. GET IMMEDIATE MEDICAL ATTENTION.

Skin Contact:
WASH AFFECTED AREA WITH LARGE AMOUNTS OF SOAP AND WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. GET IMMEDIATE MEDICAL ATTENTION. WASH CLOTHING AND CLEAN SHOES BEFORE REUSE.

Ingestion:
IF SWALLOWED GIVE 3 TO 4 GLASSES WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION.

Notes to Physician:
N/A

Section VI - Toxicity Information

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By: IARC NTP OSHA ACGIH Other

SODIUM TRIPOLYPHOSPHATE NONYL PHENOL POLYETHYLENE GLYCOL ETHER
ORL-RAT LD50: 6500 MG/KG 3. SKN-RBT 500 MG OPEN MILD 3.
ORL-MUS LD50: 3210 MG/KG 3. EYE-RBT 5 MG SEVERE 3.
SKN-RBT LD50: >4640 MG/KG 4. ORL-RAT LD50: 1310 MG/KG 3.
SKN-RBT LD50: 2000 MG/KG 3.
SODIUM XYLENE SULFONATE
(DATA ON XYLENE SULFONIC ACID, A SIMILAR COMPOUND)
IPR-MUS-500MG/KG 3.
DIETHANOLAMINE
ORL-RAT LD50: 750 MG/KG 3.
SKN-RBT 50 MG OPEN MILD 3.
EYE-RBT 5500 MG SEVERE 3.
SECONDARY AND TERTIARY AMINES MAY REACT WITH NITROSATING AGENTS TO FORM
NITROSAMINES. SOME NITROSAMINES HAVE BEEN SHOWN TO BE CARCINOGENIC IN
LABORATORY ANIMALS. 4.

Section VII - Reactivity Data

Stability <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable Conditions to Avoid: N/A	Hazardous Polymerization <input checked="" type="checkbox"/> Will not occur <input type="checkbox"/> May occur Conditions to Avoid: N/A
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Incompatibility (Materials to Avoid):
STRONG ACIDS AND OXIDIZING AGENTS, ALDEHYDES, KETONES, ACRYLATES, REDUCING SUGARS, ORGANIC ANHYDRIDES AND ORGANIC HALIDES.

Hazardous Decomposition Products:
OXIDES OF NITROGEN, OXIDES OF SULFUR, OXIDES OF SODIUM, OXIDES OF PHOSPHOROUS, CARBON DIOXIDE AND CARBON MONOXIDE.

Section VIII - Spill Or Leak Procedures

Steps to be Taken if Material is Released or Spilled:

PICK UP SPILLS WITH WET VACUUM OR ABSORB WITH AN INERT MATERIAL. USE CAUTION SINCE SPILLS WILL MAKE THE FLOOR VERY SLIPPERY. TRANSFER PRODUCT AND ABSORBANT MATERIAL TO LABELED CONTAINERS FOR PROPER DISPOSAL. FLUSH THE AREA THOROUGHLY WITH WATER TO REMOVE RESIDUES.

Waste Disposal Method(s):

DISPOSE OF IN ACCORDANCE WITH STATE, FEDERAL & LOCAL REGULATIONS.

Neutralizing Agent:

N/A

Section IX - Special Protection Information

Required Ventilation:

GOOD INDUSTRIAL HYGIENE PRACTICE DICTATES THAT THE WORK AREAS SHOULD PROVIDE ADEQUATE GENERAL OR MECHANICAL VENTILATION TO KEEP AIRBORNE MIST TO A MINIMUM.

Respiratory Protection:

NORMALLY NOT REQUIRED. IF USED IN A CONFINED OR POORLY VENTILATED AREA, THE USE OF A NIOSH-APPROVED MASK FOR SPRAY MIST IS SUGGESTED.

Glove Protection:

PVC RUBBER GLOVES.

Eye Protection:

CHEMICAL GOGGLES.

Other Protection:

N/A

Section X - Storage and Handling Information

Storage Temperature Max: 120°F. Min: 50°F.	Storage Conditions <input checked="" type="checkbox"/> Indoors <input type="checkbox"/> Outdoors <input type="checkbox"/> Heated <input type="checkbox"/> Refrigerated
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Precautions to be Taken in Handling and Storing:

STORE AT MODERATE TEMPERATURES.

Other Precautions:

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.

Section XI - Regulatory Information

Chemical Name	CAS Number	Upper & Limit
DIETHANOLAMINE	111-42-2	5
GLYCOL ETHER	N/A	5

Those ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer. This MSDS is not intended for users in the state of California.

Section XII - References

- THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES, PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1991-1992.
- OSHA PEL.
- DAINGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, 7TH EDITION, N. IRVING SAX AND RICHARD J. LEWIS, JR.
- VENDOR'S MSDS.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE IN LIGHT OF CURRENT FORMULATION. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

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