

215 S.E. 6th Ave.  
HILLSBORO, OR 97123

## SECTION I - GENERAL INFORMATION

CHEMICAL NAME & SYNONYMS N/A	TRADE NAME & SYNONYMS C/S CABINET CLEANER
CHEMICAL FAMILY ALKALINE CLEANER	FORMULA X---MIXTURE
MANUFACTURER'S NAME NATIONAL CHEMSEARCH DIV OF NCH CORP	
ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE) BOX 152170 IRVING, TEXAS 75015	
PREPARED BY: KELLY SEALS/T.S.CHEM157	PRODUCT CODE NUMBER 5930
EMERGENCY TELEPHONE NUMBER 214-438-1381	

## SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS AS THE PRODUCT MIXTURE HAS NOT BEEN TESTED AS A WHOLE.

CHEMICAL NAME (INGREDIENTS)	HAZARD	TLV*	PEL*	CAS#
SODIUM METASILICATE	IRRITANT	2MG/M3 1	2MG/M3 1	6834-92-0

## SECTION III - NON-HAZARDOUS INGREDIENTS

NON-HAZARDOUS INGREDIENT NAMES AND CAS NUMBERS ARE PROTECTED UNDER NJ TRADE SECRET REGISTRY # 409363-E262P

## SECTION III - PHYSICAL DATA

## C/S CABINET CLEANER

(CONTINUED)

## SECTION III - PHYSICAL DATA

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BOILING PT. (FAHRENHEIT)	210	SPEC GRAVITY (H2O=1)	1.050
VAPOR PRESSURE (MM HG)	17	COLOR	LIGHT GREEN
VAPOR DENSITY (AIR=1)	0.6	ODOR	BUTYL ODOR
PH @ 100%	12.0	CLARITY	TRANSPARENT
PERCENT VOLATILE BY VOLUME (%)	98	EVAPORATION RATE (BU AC * 1)	0 10
SOLUBILITY IN WATER	COMPLETE		
VISCOSITY	NON-VISCOUS		

## SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
NON-FLAM		N/A	N/A
EXTINGUISHING MEDIA "ALCOHOL"	DRY	WATER	
<--FOAM <--FOAM	<--CO2 <--CHEMICAL	<--SPRAY	<--OTHER
SPECIAL FIRE FIGHTING PROCEDURES			
N/A			

## UNUSUAL FIRE &amp; EXPLOSION HAZARDS

N/A

NFPA HAZARD RATING (0=INSIGNIFICANT;1=SLIGHT;2=MODERATE;3=HIGH;4=EXTREME)  
1 <--HEALTH 0 <--FLAMMABILITY 0 <--REACTIVITY <--SPECIAL

## SECTION V - HEALTH HAZARD DATA

## THRESHOLD LIMIT VALUE :

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

## EFFECTS OF OVEREXPOSURE

- ACUTE - (SHORT TERM EXPOSURE)  
DIRECT CONTACT WITH EYES MAY CAUSE IRRITATION.

(CONTINUED)

## SECTION V - HEALTH HAZARD DATA

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SKIN CONTACT MAY CAUSE REDDENING OF SKIN, IRRITATION AND POSSIBLE DISCOMFORT TO SENSITIVE SKIN.

DIRECT CONTACT WITH EYES FOR A PROLONGED PERIOD OF TIME CAN CAUSE EYE IRRITATION. PROLONGED SKIN CONTACT MAY CAUSE IRRITATION AND REDDENING OF SKIN, IRRITATION LEADING POTENTIALLY TO DERMATITIS.

PRIMARY ROUTE OF ENTRY <-- INHALATION <-- INGESTION X<-- ABSORPTION

EMERGENCY & FIRST AID PROCEDURES

INHALATION:  
TYPICALLY NOT A HAZARD, BUT GET TO FRESH AIR AND TREAT SYMPTOMATICALLY IF ANY SYMPTOMS DEVELOP

EYE CONTACT:  
FLUSH WITH WATER FOR 5-10 MINUTES HOLDING EYELIDS APART TO ENSURE FLUSHING OF THE ENTIRE SURFACE OF THE EYE. SEE A PHYSICIAN IF IRRITATION PERSISTS.

SKIN CONTACT:  
WASH WITH PLENTY OF WATER. SEEK MEDICAL ATTENTION IF ANY IRRITATION DEVELOPS.

INGESTION:  
LOW ORAL TOXICITY, BUT IF LARGE QUANTITIES HAVE BEEN INGESTED, GIVE TWO GLASSES OF WATER AND INDUCE VOMITING. SEEK MEDICAL ATTENTION.

NOTES TO PHYSICIAN:

N/A

## SECTION VI - TOXICITY INFORMATION

PRODUCT CONTAINS CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY:

IARC	<--YES	NTP	<--YES	OSHA	<--YES	ACGIH	<--YES	OTHER	<--YES
X<--NO		X<--NO		X<--NO		X<--NO		X<--NO	X<--NO

SODIUM METASILICATE  
SKN-HMN 250MG/24 SEV. 1  
CRL-PIG LCLC 250MG/KG 1

## SECTION VII - REACTIVITY DATA

STABILITY	X<--STABLE	<--UNSTABLE	CONDITIONS TO AVOID

N/A

INCOMPATIBILITY (MATERIALS TO AVOID)

N/A

## C/S CABINET CLEANER

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## SECTION VII - REACTIVITY DATA

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HAZARDOUS DECOMPOSITION PRODUCTS

N/A

HAZARDOUS	WILL NOT	MAY	CONDITIONS TO AVOID
X<--OCCUR		<--OCCUR	

POLYMERIZATION:

N/A

## SECTION VIII - SPILL OR LEAK PROCEDURES

STEPS TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
A LARGE SPILL IS UNLIKELY. IF MATERIAL IS SPILLED, PICK UP WITH AN ABSORBANT AND FLOOD AREA WITH WATER AND FLUSH TO DRAIN

WASTE DISPOSAL METHOD  
DISPOSE OF IN A SANITARY SEWER.

NEUTRALIZING AGENT

WATER IS A NEUTRALIZING AGENT.

## SECTION IX - SPECIAL PROTECTION INFORMATION

REQUIRED VENTILATION  
NO SPECIAL VENTILATION REQUIRED.

RESPIRATORY PROTECTION  
NO SPECIAL RESPIRATORY PROTECTION REQUIRED.

PROTECTIVE GLOVES  
TYPICAL USE OF THIS PRODUCT DOES NOT REQUIRE GLOVE PROTECTION

EYE PROTECTION  
TYPICAL USE OF THIS PRODUCT DOES NOT REQUIRE EYE PROTECTION.

OTHER PROTECTION

N/A

## SECTION X - STORAGE AND HANDLING INFORMATION



# HILLSBORO ELEMENTARY SCHOOLS

215 S.E. 5th Ave.  
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MATERIAL SAFETY DATA SHEET

IN 0015

(CONTINUED)

SECTION X - STORAGE AND HANDLING INFORMATION PAGE 05

STORAGE TEMPERATURE  
120 F <--MAX 32 F <--MIN X  
INDOOR HEATED REFRIGERATED OUTDOOR X  
PRECAUTIONS TO BE TAKEN IN HANDLING & STORING  
STORE AT MODERATE TEMPERATURES  
OTHER PRECAUTIONS  
KEEP OUT OF REACH OF CHILDREN  
READ ENTIRE LABEL BEFORE USING PRODUCT.

SECTION XI - REGULATORY INFORMATION

CHEMICAL NAME C.A.S. NUMBER UPPER % LIMIT  
N/A  
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.  
IF USE (USE EXEMPTION) APPEARS UNDER UPPER % LIMIT, END USERS ARE EXEMPT  
FROM NOTIFICATION BECAUSE THE PRODUCT IS USED AND LABELED FOR ROUTINE  
JANITORIAL WORK, OR THE PRODUCT IS USED AND LABELED FOR FACILITY GROUNDS  
MAINTENANCE (SUCH AS FERTILIZERS AND HERBICIDES), OR THE PRODUCT IS USED AND  
LABELED FOR MAINTAINING MOTOR VEHICLES.

SECTION XII - TRANSPORTATION \* (FOR FUTURE USE)

APPLICABLE REGULATIONS  
<--49 CFR <--IMCO <--TARIFF 6 D <--IATA <--MILITARY AIR (AFR 71-4)  
SHIPPING NAME  
HAZARD CLASS ID NUMBER REPORT QTY  
LABELS LIMITED QTY  
UNIT CONTAINER  
DOT SPS CONTAINER NET EXPLOSIVE WT.  
AEROSOL PROPELLANT(S)

C/S CABINET CLEANER

SECTION XIII - REFERENCES

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1 VENDOR'S MSDS

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OR DISPOSAL OF THE PRODUCT IN A MANNER NOT RECOMMENDED ON THE  
PRODUCT LABEL. USERS ASSUME ALL RISKS ASSOCIATED WITH SUCH  
UNRECOMMENDED USE, STORAGE, OR DISPOSAL OF THE PRODUCT.