

## SECTION I - GENERAL INFORMATION

CHEMICAL NAME & SYNONYMS N/A	TRADE NAME & SYNONYMS C/S SCREEN CLEANER
CHEMICAL FAMILY ALCOHOL CLEANER	FORMULA X<--MIXTURE
MANUFACTURER'S NAME NATIONAL CHEMSEARCH DIV OF NCM CORP	
ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE) BOX 152170 IRVING, TEXAS 75015	
PREPARED BY KELLY SEALS/T S CHEMIST	PRODUCT CODE NUMBER 5926
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#
ISOPROPANOL	IRRITANT	400PPM	400PPM	67-63-0

## SECTION IIA - NON-HAZARDOUS INGREDIENTS

NON-HAZARDOUS INGREDIENT NAMES AND CAS NUMBERS ARE PROTECTED UNDER NJ TRADE SECRET REGISTRY # 409363-5242P

## SECTION III - PHYSICAL DATA

## C/S SCREEN CLEANER

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## SECTION III - PHYSICAL DATA

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BOILING PT. (FAHRENHEIT)	190	SPEC GRAVITY (H2O=1)	0.970
VAPOR PRESSURE (MM HG)	20	COLOR	WHITE
VAPOR DENSITY (AIR=1)	2.0	ODOR	ISOPROPANOL
PH @ 100%	6	CLARITY	OPAQUE EMULSION
PERCENT VOLATILE BY VOLUME (%)	99	EVAPORATION RATE (BU AC = 1)	0.10
SOLUBILITY IN WATER	COMPLETE		
VISCOSITY	NON-VISCOUS		

## SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED) 80 F. T.C.C.	FLAMMABLE LIMITS	LEL	UEL
		N/A	N/A
EXTINGUISHING MEDIA *ALCOHOL*	DRY	WATER	
X<--FOAM	X<--CD2	X<--CHEMICAL	X<--SPRAY
			X<--OTHER

SPECIAL FIRE FIGHTING PROCEDURES

USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS AND SURFACES.

## UNUSUAL FIRE &amp; EXPLOSION HAZARDS

WARNING, FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.

NFPA HAZARD RATING (0=INSIGNIFICANT; 1=SLIGHT; 2=MODERATE; 3=HIGH; 4=EXTREME):  
1<--HEALTH 3<--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)  
ACUTE EXPOSURE TO LOW CONCENTRATIONS OF THIS MIXTURE MAY RESULT IN MILD

IRRITATION TO EYE OR SKIN TISSUE.

CHRONIC - (LONG TERM EXPOSURE)  
 PROLONGED CONTACT CAN CAUSE APPRECIABLE IRRITATION TO EYES LEADING TO CORNEAL OPACITY IN REPEATED SEVERE EXPOSURES. INGESTION OR INHALATION OF LARGE QUANTITIES OF THE VAPOR MAY CAUSE FLUSHING, HEADACHE, DIZZINESS, MENTAL DEPRESSION, NAUSEA, VOMITING, NARCOSIS, ANESTHESIA AND COMA 100 ML. CAN BE FATAL.

PRIMARY ROUTE OF ENTRY: X-- INHALATION &lt;-- INGESTION &lt;-- ABSORPTION

EMERGENCY &amp; FIRST AID PROCEDURES

INHALATION  
 TYPICALLY NOT A HAZARD

EYE CONTACT  
 FLUSH EYES WITH PLENTY OF WATER FOR 10-15 MINUTES HOLDING EYELIDS APART TO ENSURE FLUSHING OF THE ENTIRE EYE SURFACE. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

SKIN CONTACT  
 WASH WITH SOAP AND WATER. IF IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION.

INGESTION:  
 IF SWALLOWED DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER IF AVAILABLE. GIVE SEVERAL GLASSES OF CITRUS JUICE NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION IMMEDIATELY.

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	X<--NO	X<--NO	X<--NO	X<--NO

ISOPROPANOL

EYE-HMN. 20PPM 2  
 DAL-HMN. TDLC. 15,710MG/KG CNS 2  
 ORL-MAN. TDLD. 8600MG/KG 2.  
 IHL-HMN. TDLC. 400PPM 2.

## SECTION VII - REACTIVITY DATA

STABILITY	X<--STABLE	<--UNSTABLE	CONDITIONS TO AVOID
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KEEP AWAY FROM HEAT AND OPEN FLAME.

## C/S SCREEN CLEANER

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## SECTION VII - REACTIVITY DATA

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INCOMPATIBILITY (MATERIALS TO AVOID)

H2 + PD., NITROFORM, DLEUM, COCL2

HAZARDOUS DECOMPOSITION PRODUCTS

CARBON MONOXIDE POSSIBLE

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

POLYMERIZATION: N/A

## SECTION VIII - SPILL OR LEAK PROCEDURES

STEPS TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
 SMALL SPILL: TAKE UP WITH ABSORBENT MATERIAL AND PLACE IN NON-LEAKING CONTAINERS. SEALED TIGHT FOR PROPER DISPOSAL. LARGE SPILL UNLIKELY DUE TO PACKAGING OF PRODUCT IN 4 DZ CONTAINERS.

WASTE DISPOSAL METHOD  
 DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS CONCERNING HEALTH POLLUTION. USE NON-LEAKING CONTAINERS.

NEUTRALIZING AGENT

LARGE AMOUNTS OF WATER

## SECTION IX - SPECIAL PROTECTION INFORMATION

REQUIRED VENTILATION  
 AREAS OF USE WITH ADEQUATE VENTILATION SHOULD BE SUFFICIENT IN USE AS A GLASS CLEANER.

RESPIRATORY PROTECTION  
 IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS (SEC. IV), USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. USE EITHER A FULL-FACE, ATMOSPHERE-SUPPLYING RESPIRATOR OR AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS.  
 IDLH = 20,000 PPM: GMDFB/SAF

PROTECTIVE GLOVES  
 TYPICAL USE OF THIS PRODUCT DOES NOT REQUIRE GLOVES.

EYE PROTECTION  
 PROTECTIVE EYEWEAR IF METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.



# HILLSBORO ELEMENTARY SCHOOLS

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

MATERIAL SAFETY DATA SHEET

IN 0016

## C/S SCREEN CLEANER

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SECTION IX - SPECIAL PROTECTION INFORMATION PAGE 05

OTHER PROTECTION  
N/A

## SECTION X - STORAGE AND HANDLING INFORMATION

STORAGE TEMPERATURE  
120 F <--MAX 32 F <--MIN | INDDOR | HEATED | REFRIGERATED | OUTDOOR  
X

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING  
STORE AT MODERATE TEMPERATURES

OTHER PRECAUTIONS  
KEEP AWAY FROM 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 <--IMCC <--TARIFF 5 D <--IATA <--MILITARY AIR (AFR 71-4)

SHIPPING NAME

HAZARD CLASS | ID NUMBER | REPORT QTY

LABELS | LIMITED QTY

## C/S SCREEN CLEANER

(CONTINUED)

SECTION XII - TRANSPORTATION - (FOR FUTURE USE) PAGE : 06

UNIT CONTAINER

DOT SPS CONTAINER | NET EXPLOSIVE WT.

AEROSOL PROPELLANT(S)

## SECTION XIII - REFERENCES

1. THRESHOLD LIMIT VALUE FOR CHEMICAL SUBSTANCES IN THE WORK  
ENVIRONMENT, 2ND EDITION, ACGIH, 1985.
2. DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, 6TH EDITION,  
N. IRVING SAX.

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NATIONAL CHEMSEARCH DIV OF NCH CORP. ASSUMES NO RESPONSIBILITY  
FOR PERSONAL INJURY OR PROPERTY DAMAGE CAUSED BY THE USE, STORAGE  
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.