

(000000-000000- -5913)

|DATE OF ISSUE
| 1/16/2004

| SUPERSEDES |
| 11/20/2002 |

SECTION I - GENERAL INFORMATION

CHEMICAL NAME & SYNONYMS
N/A

TRADE NAME & SYNONYMS
THREAD-EZE ULTRA BRUSH TOP

CHEMICAL FAMILY:
MINERAL/PETROLEUM BLEND

FORMULA
X <--MIXTURE

MANUFACTURER'S NAME:
CHEMSEARCH, DIV. OF NCH CORP.

ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE)
BOX 152170
IRVING, TEXAS 75015

PREPARED BY:
L BOYNTON/CHEMIST

| PRODUCT CODE NUMBER
5913

| EMERGENCY TELEPHONE NUMBER
800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

CHEMICAL NAME (INGREDIENTS):
SEVERELY REFINED MINERAL OIL

HAZARD---->OIL MIST	TLV-->5 MG/M3	1.	PEL--->5 MG/M3	2.	
STEL(TWA)*->10MG/M3	CAS#->8042-47-5				

CALCIUM CARBONATE

HAZARD---->IRRITANT	TLV-->3 MG/M3	1.	PEL--->5 MG/M3	2.	
STEL(TWA)*->N/E	CAS#->1317-65-3				

ZINC OXIDE

HAZARD---->IRRITANT	TLV-->2 MG/M3	1.	PEL--->5 MG/M3	2.	
STEL(TWA)*->10 MG/M3	CAS#->1314-13-2				

SECTION IIA - NON-HAZARDOUS INGREDIENTS

NON-HAZARDOUS INGREDIENT NAMES AND CAS NUMBERS ARE PROTECTED UNDER NJ TRADE SECRET
REGISTRY # 409363-5032P

SECTION III - PHYSICAL DATA

BOILING PT. (F)	>450F	SPEC. GRAVITY (H20=1)	1.16
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VAPOR PR. (MM HG)	<0.1	COLOR	WHITE
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VAPOR DENSITY	> 1	ODOR	PETROLEUM
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PH. @ 100%	N/A	CLARITY	OPAQUE
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% VOLATILE BY VOL	60-65	EVAPORATION RATE	< 0.1
		(BU A/C = 1)	

SECTION III – PHYSICAL DATA (CONTINUED)

H2O SOLUBILITY | NEGLIGIBLE

VISCOSITY | VISCOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT: NON-FLAM C.O.C. | FLAMMABLE LIMITS | LEL | UEL
 | N/E | N/E | N/E

EXTINGUISHING MEDIA "ALCOHOL" DRY WATER
 X <--FOAM X <--FOAM X <--CO2 X <--CHEMICAL X <--SPRAY <---OTHER

SPECIAL FIRE FIGHTING PROCEDURES:
 FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.
 EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE. COOL FIRE
 EXPOSED CONTAINERS WITH WATER SPRAY TO PREVENT BURSTING.

UNUSUAL FIRE AND EXPLOSION HAZARDS
 THE USE OF WATER SPRAY WHILE EFFECTIVE, MAY CAUSE FROTHING AND FOAMING. NEVER USE A WATER JET AS
 THIS WILL JUST SPREAD THE FIRE. USE CARE AS SPILLS MAY BE SLIPPERY.

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

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE:
 NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

EFFECTS OF OVEREXPOSURE:
 - ACUTE - (SHORT TERM EXPOSURE)
 INGESTION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING AND DIARRHEA.
 INHALATION: MAY CAUSE RESPIRATORY IRRITATION SEEN AS COUGHING AND SNEEZING.
 SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS INFLAMMATION, ITCHING AND REDNESS.
 EYE CONTACT: MAY CAUSE IRRITATION SEEN AS STINGING, TEARING AND REDNESS.

- CHRONIC - (LONG TERM EXPOSURE)
 CHRONIC EXPOSURE TO ZINC OXIDE MAY CAUSE RESPIRATORY TRACT IRRITATION WITH NASOPHARYNGITIS AND
 LARYNGITIS. ON RARE OCCASIONS, PROLONGED AND REPEATED EXPOSURE TO OIL MIST POSES A RISK OF CHRONIC
 LUNG INFLAMMATION. THIS CONDITION IS USUALLY ASYMPTOMATIC AS A RESULT OF REPEATED SMALL
 ASPIRATIONS. SHORTNESS OF BREATH AND COUGHING ARE THE MOST COMMON SYMPTOMS. ASPIRATION MAY
 LEAD TO PULMONARY EDEMA AND HEMORRHAGE AND MAY BE FATAL. SIGNS OF LUNG INVOLVEMENT INCLUDE
 INCREASED RESPIRATION AND HEART RATES AS WELL AS A BLUISH DISCOLORATION OF THE SKIN. CHRONIC SKIN
 CONTACT MAY PROMOTE DERMATITIS AND OIL ACNE. IN RARER CASES, AN INCREASED SENSITIVITY TO SUNLIGHT
 (PHOTOSENSITIVITY) MAY OCCUR. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING
 RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA AND DERMATITIS.
 TARGET ORGANS: NONE KNOWN. THERE IS NO PRIMARY ROUTE OF ENTRY INTO THE BODY. THE PRIMARY ROUTES
 OF EXPOSURE ARE SKIN AND EYE CONTACT.

PRIMARY ROUTE OF ENTRY: < INHALATION < INGESTION < ABSORPTION

EMERGENCY & FIRST AID PROCEDURES
 INHALATION:
 REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF
 BREATHING BECOMES DIFFICULT.

SECTION V - HEALTH HAZARD DATA (CONTINUED)

EYE CONTACT:

RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

SKIN CONTACT:

WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. REMOVE AND CLEAN CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

INGESTION:

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

NOTES TO PHYSICIAN:

THERE IS NO SPECIFIC ANTIDOTE. TREAT THE PATIENT SYMPTOMATICALLY.

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

SEVERELY REFINED MINERAL OIL

- ORL-RAT TDLO: 92 G/KG/92D-C 4.
- ORL-RAT LD50: > 5000 MG/KG 3.
- SKN-RBT LD50: > 2000 MG/KG 3.
- EYE-RBT SDT: NON-IRRITATING 3.
- SKN-RBT SDT: NON-IRRITATING 3.
- BUEHLER GUINEA PIG SENSITIZATION TEST: NON-SENSITIZING 3.
- SKN-RBT SUB-CHRONIC: 28-DAY NON-IRRITATING 3.
- SKN-MSE CHRONIC: 104-WEEK NO SKIN TUMORS AT SITE OF APPLICATION 3.
- MODIFIED AMES ASSAY (SALMONELLA TYPHIMURIUM): NEGATIVE 3.
- IN-VITRO MSE LYMPHOMA ASSAY NEGATIVE NO TOXICITY 3.
- LIFETIME MOUSE SKIN PAINTING STUDIES INDICATED THAT THIS PRODUCT IS NOT MUTAGENIC OR CARCINOGENIC. 3.

MINERAL OIL MISTS DERIVED FROM HIGHLY REFINED OILS ARE REPORTED TO HAVE LOW ACUTE AND SUB-ACUTE TOXICITIES IN ANIMALS. EFFECTS FROM SINGLE SHORT-TERM REPEATED EXPOSURES TO HIGH CONCENTRATIONS OF MINERAL OIL MISTS WELL ABOVE APPLICABLE WORKPLACE EXPOSURE LEVELS INCLUDE LUNG INFLAMMATORY REACTION, LIPOID GRANULOMA FORMATION AND LIPOID PNEUMONIA. IN ACUTE AND SUB-ACUTE STUDIES INVOLVING EXPOSURES TO LOWER CONCENTRATIONS OF MIERAL OIL MISTS AT OR NEAR CURRENT WORK PLACE EXPOSURE LEVELS PRODUCED NO SIGNIFICANT TOXICOLOGICAL EFFECTS. IN LONG TERM STUDIES (UP TO TWO YEARS) NO CARCINOGENIC EFFECTS HAVE BEEN REPORTED IN ANY ANIMAL SPECIES TESTED. THIS PRODUCT IS FORMULATED WITH MINERAL OILS WHICH ARE CONSIDERED TO BE SEVERELY REFINED AND NOT CONSIDERED TO BE CARCINOGENIC UNDER IARC. 3.

CALCIUM CARBONATE

- MILD TO MODERATE EYE IRRITANT 3.
- MILD TO MODERATE SKIN IRRITANT 3.
- ORL-RAT LD50: 6450 MG/KG 3.

ZINC OXIDE

- ORL-RAT LD50: >8437 MG/KG 4.
- ORL-HMN LDLO: 500 MG/KG 4.
- IHL-HMN TCLO: 600 MG/M3 4.
- SKN-RBT SDT: 500 MG/24H MILD 4.
- EYE-RBT SDT: 500 MG/24H MILD 4.

SECTION VII - REACTIVITY DATA

STABILITY	X <--STABLE <--UNSTABLE	CONDITIONS TO AVOID
	NONE KNOWN.	

INCOMPATABILITY (MATERIALS TO AVOID):
 STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE; ACIDS AND ALKALIES.

HAZARDOUS DECOMPOSITION PRODUCTS
 OXIDES OF ALUMINUM AND CARBON; VARIOUS HYDROCARBONS.

HAZARDOUS POLYMERIZATION	WILL NOT	MAY	CONDITIONS TO AVOID
	X <--OCCUR	<--OCCUR	
N/A			

SECTION VIII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
 WEAR APPROPRIATE CLOTHING. USE CARE AS SPILLS MAY BE SLIPPERY. DIKE AND CONTAIN SPILL. ABSORB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. PREVENT THE PRODUCT FROM CONTAMINATING SOIL OR FROM ENTERING SEWAGE AND DRAINAGE SYSTEMS AND BODIES OF WATER. FLUSH AREA WITH WATER.

WASTE DISPOSAL METHOD(S):
 DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

NEUTRALIZING AGENT:
 N/A

SECTION IX - SPECIAL PROTECTION INFORMATION

REQUIRED VENTILATION:
 GENERAL VENTILATION IS NORMALLY ADEQUATE.

RESPIRATORY PROTECTION:
 NONE UNDER NORMAL CONDITIONS OF USE.

GLOVE PROTECTION:
 NONE UNDER NORMAL CONDITIONS OF USE.

EYE PROTECTION:
 NONE UNDER NORMAL CONDITIONS OF USE.

OTHER PROTECTION:
 NONE UNDER NORMAL CONDITIONS OF USE.

SECTION X - STORAGE AND HANDLING INFORMATION

STORAGE TEMPERATURE	INDOOR	HEATED	REFRIGERATED	OUTDOOR
MAX: 120 F. MIN: 35 F.	X			

SECTION X - STORAGE AND HANDLING INFORMATION (CONTINUED)**PRECAUTIONS TO BE TAKEN IN HANDLING & STORING**

ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER. KEEP CONTAINER TIGHTLY CLOSE WHEN NOT IN USE. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE WHICH MAY EXHIBIT THE HAZARDS OF THE PRODUCT. TO AVOID POSSIBLE EXPLOSION DO NOT PRESSURIZE, CUT, WELD, SOLDER, DRILL, GRIND OR EXPOSE EMPTY CONTAINERS TO HEAT, HOT SURFACES, SPARKS OR OPEN FLAMES.

OTHER PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. FOLLOW THE LABEL DIRECTIONS. REMOVE OIL SOAKED CLOTHING AND SHOES. WASH CLOTHING AND CLEAN SHOES BEFORE REUSE.

SECTION XI - REGULATORY INFORMATION

CHEMICAL NAME	C.A.S NUMBER	UPPER % LIMIT
ZINC COMPOUNDS	N/A	15

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 UE (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 – REFERENCES

1. THRESHOLD LIMITS VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 2002.
2. OSHA PEL
3. VENDOR'S MSDS.
4. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFODISC, 2002.

* SHORT TERM EXPOSURE LIMIT (TWA) LISTED AS FINAL RULE LIMITS PUBLISHED IN THE FEDERAL REGISTER/VOL. 54 NO. 12, 1-19-89

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