

CUSTOMER: F0326455 ORDER # : 01680
 BATCH #: 972200029 STICKER #: 972200282
 ZONE #: 011
 BARCODE NUMBER: 9515020159541
 PRODUCT NAME : BRILLIANCE EXTRA AERO

MATERIAL SAFETY DATA SHEET: BRILLIANCE EXTRA AERO PAGE : 1
 000000-000000-5520) DATE OF ISSUE 01/10/97
 SUPERSEDES 11/03/95

SECTION I - GENERAL INFORMATION

CHEMICAL NAME & SYNONYMS N/A TRADE NAME & SYNONYMS BRILLIANCE EXTRA AERO
 CHEMICAL FAMILY: AQUEOUS DETERGENT SOLUTION FORMULA: X <- MIXTURE
 MANUFACTURE'S NAME: CHEMSEARCH DIV. OF NCH CORP.
 ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE)
 BOX 152170 IRVING, TX 75015
 PREPARED BY: R STOLLEY/CHEMIST PRODUCT CODE NUMBER 5520 EMERGENCY TELEPHONE NUMBER 972-438-1381

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

CHEMICAL NAME (INGREDIENTS): 3-METHOXY-3-METHYL-1-BUTANOL HAZARD----->IRRITANT STEL(TWA)*->N/E	TLV--->N/E CAS#-->56539-66-3	PEL--->N/E 2.
ISOPROPANOL HAZARD----->COMB/IRR STEL(TWA)*->500PPM	TLV--->400PPM 1. CAS#-->67-63-0	PEL--->400PPM 2.

SECTION III - PHYSICAL DATA

BOILING PT. (F)	180ø	SPEC. GRAVITY (H2O=1)	0.9846
VAPOR PR. (MM HG)	25	COLOR	COLORLESS
VAPOR DENSITY	2	ODOR	AMMONIA AND LAVENDER
PH. @ 100%	10.7@10%	CLARITY	CLEAR
% VOLATILE BY VOL	>99	EVAPORATION RATE (BU A/C = 1)	1.6
H2O SOLUBILITY	COMPLETE		
VISCOSITY	NON-VISCOUS		

SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT: 133øF. SETAFLASH FLAMMABLE LIMITS ISOPROPANOL 2.0 LEL 12.7 UEL
 EXTINGUISHING MEDIA "ALCOHOL" X <- FOAM X <- CO2 X <- DRY CHEMICAL X <- WATER SPRAY <- OTHER
 SPECIAL FIRE FIGHTING PROCEDURES AS WITH ALL FIRES INVOLVING CHEMICALS, WEAR A SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS TO PREVENT BURSTING.
 UNUSUAL FIRE AND EXPLOSION HAZARDS THERE IS NO FLAME EXTENSION OR BURNBAC.

NFPA HAZARD RATING (0=INSIGNIFICANT;1=SLIGHT;2=MODERATE;3=HIGH;4=EXTREME):
 2 <- HEALTH 2 <- 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)
 EYES: CAUSES IRRITATION AND REDNESS WITH POSSIBLE CORNEAL DAMAGE.
 SKIN: MAY CAUSE IRRITATION, REDNESS, DRYNESS OR CRACKING.
 SWALLOWING: MAY CAUSE NAUSEA, DROWSINESS, CRAMPS, DIARRHEA, VOMITING,
 PAIN OR LOSS OF CONSCIOUSNESS.

SECTION VIII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
DUE TO THE NATURE OF THE AEROSOL PACKAGING, A LARGE SPILL IS UNLIKELY. FOR A SMALL SPILL, ABSORB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. WEAR APPROPRIATE PROTECTIVE CLOTHING.

WASTE DISPOSAL METHOD(S):
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. NORMAL DISPOSAL METHOD IS WRAP THE EMPTY CONTAINER WITH NEWSPAPER AND DISPOSE OF IN THE TRASH.

NEUTRALIZING AGENT :
N/A

SECTION IX - SPECIAL PROTECTION INFORMATION

REQUIRED VENTILATION :
GENERAL EXHAUST IS ADEQUATE.

RESPIRATORY PROTECTION :
NONE NORMALLY REQUIRED. IN AN EMERGENCY SITUATION, WEAR A NIOSH-APPROVED RESPIRATOR.

GLOVE PROTECTION :
NEOPRENE RUBBER GLOVES IF REPEATED OR PROLONGED SKIN CONTACT IS LIKELY.

EYE PROTECTION :
SAFETY GLASSES WITH SIDE SHIELDS IF THE METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

OTHER PROTECTION :
NONE REQUIRED.

SECTION X - STORAGE AND HANDLING INFORMATION

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

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING
WASH THOROUGHLY AFTER HANDLING.
DO NOT USE OR STORE NEAR HEAT, HOT SURFACES, SPARKS OR OPEN FLAME.

OTHER PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN.
READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.
FOLLOW LABEL DIRECTIONS.

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 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.

CALIFORNIA PROPOSITION 65

WARNING: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE (1)CANCER OR (2)BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:
Ethylene Oxide (1) and toluene (2) in trace amounts.

LABELS | LIMITED QTY

UNIT CONTAINER

DOT SPS CONTAINER | NET EXPLOSIVE WT.

AEROSOL PROPELLANT(S)

SECTION XIII - REFERENCES

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1995-1996.
 2. OSHA PEL
 3. VENDOR'S MSDS
 4. SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, EIGHTH EDITION, RICHARD J. LEWIS, SR.
- IRR: IRRITANT, FLAM/FLAMM: FLAMMABLE, COMB: COMBUSTIBLE, CORR: CORROSIVE, CARC: CARCINOGENIC, TOX: TOXIC, N/A: NOT APPLICABLE, N/E: NOT ESTABLISHED, COC: CLEVELAND OPEN CUP, PMCC: PENSKY-MARTIN CLOSED CUP, ICC: ITALIANE CLOSED CUP, LEL: LOWER EXPLOSION LIMIT, UEL: UPPER EXPLOSION LIMIT, NFPA: NATIONAL FIRE PROTECTION ASSOCIATION, IARC: INTERNATIONAL AGENCY FOR THE RESEARCH ON CANCER, NTP: NATIONAL TOXICOLOGY PROGRAM, OSHA: OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION, ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, TLV: THRESHOLD LIMIT VALUE, PEL: PERMISSIBLE EXPOSURE LEVEL, STEL: SHORT TERM EXPOSURE LIMIT, MLD: MILD, MOD: MODERATE, SEV: SEVERE, MUT: MUTAGENIC, ASPHYX: ASPHYXANT

* 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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