

CUSTOMER: C0212171
BATCH #: 043280002
ZONE #: 070
BARCODE #: 9611019008565111690219
PRODUCT NAME: CAST OUT, M/M

ORDER #: 0229:
STICKER #: 043280018

MATERIAL SAFETY DATA SHEET: CAST OUT, M/M

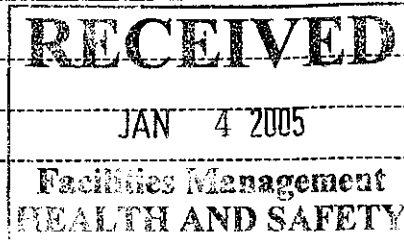
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DATE OF ISSUE 4/24/2000	SUPERSEDES N/A
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SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms
CHLORINE DIOXIDE
Trade Name & Synonyms
CAST OUT, M/M
Chemical Family:
AQUEOUS OXIDANT
Formula Mixture --> x
Manufacturer's Name:
CHEMSEARCH DIV. OF NCH CORP.
Address:
BOX 152170
IRVING, TX 75015



Prepared By: S NAQUIN/CHEMIST
Product Code Number: 4287
Emergency Phone Number: 800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)
NO HAZARDOUS INGREDIENTS PER 29 CFR 1910.1200(D)
Hazard N/A TLV N/A PEL N/A STEL N/A CAS # N/A

SECTION IIa - NON-HAZARDOUS INGREDIENTS

(NON-HAZARDOUS INGREDIENT NAMES AND CAS NUMBERS ARE PROTECTED UNDER NJ TRADE)

Secret Registry #: 409363-5024P

SECTION III - PHYSICAL DATA

Boiling Point (F): 212 Specific Gravity (H2O=1): 1.0
Vapor Pressure (MM HG): 18 Color: COLORLESS
Vapor Density (Air=1): 0.6 Odor: MILD-FRESH
PH @ 100% : 9.0 Clarity: TRANSPARENT
% Volatile by Volume: 100 Evaporation Rate (BU A/C=1): < 0.1
H2O Solubility: COMPLETE Viscosity: NON-VISCOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point
NON-FLAM / T.C.C.
Flammable Limits
N/A
LEL
N/A
UEL
N/A
Extinguishing Media
X ---Foam X ---Alcohol Foam X ---CO2 X ---Dry Chemical X ---Water 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.
Unusual Fire and Explosion Hazards:
NONE KNOWN.
Aerosol Level (NFPA 30B): N/A
NFPA 704 Hazard Rating (0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)
1 ---Health 1 ---Flammability 0 ---Instability OK ---Special

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:
NOT ESTABLISHED FOR MIXTURE.

Effects of Overexposure:

-Acute (Short Term Exposure)

ALTHOUGH THERE ARE NO HAZARDOUS INGREDIENTS IN THIS PRODUCT, AS WITH ANY CHEMICAL, DIRECT CONTACT WITH THE EYES MAY CAUSE IRRITATION.

-Chronic (Long Term Exposure)

NO HUMAN CHRONIC EFFECTS KNOWN. MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN. TARGET ORGANS: NONE KNOWN. THERE IS NO PRIMARY ROUTE OF ENTRY INTO THE BODY. THE PRIMARY ROUTE OF EXPOSURE IS SKIN AND EYE CONTACT.

Primary Routes of Entry: ---Inhalation ---Ingestion ---Absorption

Emergency and First Aid Procedures:

SECTION XI - REGULATORY INFORMATION (Continued)

SECTION XII - REFERENCES

ALL COMPONENTS IN THIS PRODUCT CAN BE FOUND IN THE CURRENT TSCA INVENTORY.

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, FMCC: PENSKY-MARTIN CLOSED CUP, TCC: TAGLIABUE
CLOSEDCUP, 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, ACHGIH: 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, PNOC: PARTICULATES NOT OTHERWISE CLASSI-
FIED

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