

Material Safety Data Sheet

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SECTION I - Material Identity

Item Name..... CASTROL SUPER CLEAN TOUGH TASK -
MULTIPURPOSE CLEANR/DEGREAS
Part Number/Trade Name..... CASTROL SUPER CLEAN TOUGH TASK -
MULTIPURPOSE CLEANR/DEGREAS
National Stock Number..... 7930L4163602027
CAGE Code..... 2R128
Part Number Indicator..... A
MSDS Number..... 192824
HAZ Code..... B

SECTION II - Manufacturer's Information

Manufacturer Name..... CASTROL NORTH AMERICA INC.
Street..... 1500 VALLEY ROAD
City..... WAYNE
State..... NJ
Country..... US
Zip Code..... 07474
Emergency Phone..... 800-321-8642
Information Phone..... 973-633-2200 FAX 973-633-7475

MSDS Preparer's Information

Date MSDS Prepared/Revised..... 21AUG00
Active Indicator..... Y

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor..... CLEAR, PURPLE LIQUID, LEMON ODOR
Boiling Point..... 212F/100C
Melting Point..... NR
Vapor Density..... ND
Specific Gravity..... 1.04
Evaporation Rate..... 1
Solubility in Water..... COMPLETE
Percent Volatiles by Volume..... 85-95
Chemical pH..... 13
Container Type..... R
Container Pressure Code..... 1

Temperature Code..... 4
Product State Code..... L

SECTION IV - Fire and Explosion Hazard Data

Flash Point Method..... NA
Lower Explosion Limit..... NA
Upper Explosion Limit..... NA
Extinguishing Media..... USE MEDIA APPROPRIATE FOR ANY SURROUNDING
COMBUSTIBLE SUBSTANCES (WATER FOG, CO2,
DRY CHEMICAL, FOAM)
Special Fire Fighting Procedures..... COOL FIRE EXPOSED CONTAINERS WITH WATER.
DO NOT ENTER CONFINED AREAS WITHOUT FULL
PROTECTIVE EQUIPMENT, INCLUDING A POSITIVE
PRESSURE NIOSH APPROVED SCBA.
Unusual Fire/Explosion Hazards..... NR

SECTION V - Reactivity Data

Stability..... YES
Stability Conditions to Avoid..... STABLE AT AMBIENT TEMPERATURES
Materials to Avoid..... STRONG ACIDS, STRONG OXIDIZERS, AVOID
CONTACT WITH GLASS
Hazardous Decomposition Products..... SMOKE, FUMES, OXIDES OF CARBON
Hazardous Polymerization..... NO
Polymerization Conditions to Avoid..... WILL NOT OCCUR

SECTION VI - Health Hazard Data

Route of Entry: Skin..... YES
Route of Entry: Ingestion..... YES
Route of Entry: Inhalation..... YES
Health Hazards - Acute and Chronic..... [EYE] IRRITATION, REDNESS, TEARING, PAIN.
CONJUNCTIVAL SWELLING, BURNS. [SKIN]
IRRITATION, REDNESS, EXTREME DRYNESS AND
PEELING, SCARRING. [INHAL] NASAL AND
RESPIRATORY IRRITATION, PNEUMONITIS,
TISSUE DAMAGE.
Symptoms of Overexposure..... SEE ABOVE
Medical Cond. Aggravated by Exposure.... NR
Emergency/First Aid Procedures..... [EYE] IMMEDIATELY FLUSH WITH PLENTY O
FCLEAN WATER FOR AT LEAST 15 MIN. CONSULT
A PHYSICIAN IMMEDIATELY. [SKIN] REMOVE
CLOTHING. IMMEDIATELY FLUSH SKIN WITH
PLENTY OF CLEAN WATER FOR 15 MIN. CALL
PHYSICIAN IMMEDIATELY [INHAL] REMOVE FROM
AREA OF EXPOSURE. IF BREATHING IS
DIFFICULT OR IRRITATION PERSISTS, CALL A
PHYSICIAN. [INGEST] DO NOT INDUCE
VOMITING. GIVE PLENTY OF WATER OF MILK AND
CALL A PHYSICIAN IMMEDIATELY. DO NOT GIVE
ANYTHING BY MOUTH TO AN UNCONSCIOUS OR
CONVULSING PERSON.

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled.....[SMALL] NEUTRALIZE AND OR SOAK UP SPILL WITH AN INERT ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIALS. STORE IN A CLOSED CONTAINER AND DISPOSE OF PROPERLY. IF REGULATORY SPILL REPORTING REQUIREMENTS MAY APPLY. CONTACT GOVERNMENTAL AGENCY OR LEGAL COUNSEL FOR ADVICE.

Neutralizing Agent..... NR

Waste Disposal Method..... ALL RECOVERED MATERIAL SHOULD BE PACKAGED, LABELED, TRANSPORTED AND DISPOSED OF OR RECLAIMED IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS REGARDING AIR POLLUTION, WATER POLLUTION OR HEALTH.

Handling and Storage Precautions..... MAINTAIN AMBIENT TEMPERATURES. AVOID PROLONGED BREATHING OF MISTS. USE WITH ADEQUATE VENTILATION. CORROSIVE TO THE EYES AND SKIN. SEVERE INTERNAL IRRITATION AND DAMAGE CAN RESULT WHEN INGESTED. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. DO NOT SWALLOW. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions..... NR

SECTION VIII - Control Measures

Respiratory Protection..... RESPIRATORS SHOULD BE USED WHEN ENGINEERING OR OTHER CONTROLS ARE NOT TECHNICALLY FEASIBLE. WHEN REQUIRED, USE ONLY A MSHA/NIOSH APPROVED AIR SUPPLIED RESPIRATOR OR AN IAR-PURIFYING RESPIRATOR.

Ventilation..... GENERAL VENTILATION AND LOCAL EXHAUST RECOMMENDED. BUILD UP OF MISTS/VAPORS IN THE WORKING ATMOSPHERE MUST BE AVOIDED.

Protective Gloves..... IMPERVIOUS GLOVES, RUBBER, NEOPRENE, NITRILE, POLYETHYLENE

Eye Protection..... SAFETY GOGGLES OR FACE SHIELD

Other Protective Equipment..... EYE WASH STATION AND SAFETY SHOWER , COVERALLS OR APRON

Work Hygenic Practices..... AVOID SKIN AND EYE CONTACT. WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Health/Safety Data..... NR

SECTION IX - Label Data

Protect Eye..... NO

Protect Skin..... NO

Protect Respiratory..... NO

Chronic Indicator..... UNKNOWN

Contact Code..... UNKNOWN

Fire Code..... UNKNOWN
Health Code..... UNKNOWN
React Code..... UNKNOWN

SECTION X - Transportation Data

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)..... .052
Volatile Organic Compounds (G/L)..... 6.2316

SECTION XII - Ingredients/Identity Information

Ingredient #..... 01
Ingredient Name..... *WATER (60-100%)
CAS Number..... 7732185
Proprietary..... NO
Percent..... 100
Ingredient #..... 02
Ingredient Name..... ETHANOL, 2-BUTOXY- (5-10%)
CAS Number..... 111762
Proprietary..... NO
Percent..... 10
Ingredient #..... 03
Ingredient Name..... *SODIUM XYLENESULFONATE (1-5%)
CAS Number..... 1300727
Proprietary..... NO
Percent..... 5
Ingredient #..... 04
Ingredient Name..... POLY(OXY-1,2-ETHANEDIYL), .ALPHA.-(4-
NONYLPHENYL)-.OMEGA.-HYDROXY-,BRANCHED (1-
5%)
CAS Number..... 127087870
Proprietary..... NO
Percent..... 5
Ingredient #..... 05
Ingredient Name..... SODIUM HYDROXIDE (NA(OH)) (1-5%)
CAS Number..... 1310732
Proprietary..... NO
Percent..... 5
Ingredient #..... 06
Ingredient Name..... SILICIC ACID (H₂SiO₃), DISODIUM SALT (1-
5%)
CAS Number..... 6834920
Proprietary..... NO
Percent..... 5
Ingredient #..... 07

Ingredient Name..... *OTHER ADDITIVES (0.5-1.5)
CAS Number..... 1003
Proprietary..... NO
Percent..... 1.5
Ingredient #..... 08
Ingredient Name..... *DYE AND FRAGRANCE (0.1-1%)
CAS Number..... 1003
Proprietary..... NO
Percent..... 1

NOTICE: For additional information, contact BIOENVIRONMENTAL

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