



Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	CASTROL SUPER CLEAN TOUGH TASK - MULTIPURPOSE CLEANR/DEGREAS
National Stock Number	7930L4163602027
CAGE Code	<u>2R128</u>
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. Aggrevated 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 REGULAITONS 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
