



ENVIROSAFE CHEMICALS CANADA

MATERIAL SAFETY DATA SHEET

SECTION 1-PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: Orange C

PRODUCT IDENTIFICATION
NUMBER (PIN) L500F series

PRODUCT USE: Multi-Purpose Industrial Degreaser (Aerosol)

Manufacturers Name: EnviroSafe Chemicals Canada

Address: PO Box 1792 – 10011 Thatcher Avenue

City: North Battleford

Province: SK

Postal Code: S9A 3W8

Tel: 306-446-0505

SECTION 2-HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC OF INGREDIENT (SPECIFY SPECIES)	TLV (ACGIH)
2-Butoxyethanol	30-60	111-76-2	320 mg/kg oral rat	450ppm/4hr rat	
D'limonene	30-60	5989-27-5	4400 mg/kg oral rat	not available	
Nonylphenoxypoly Ethanol	10-30	9016-45-9	3000 mg/kg oral rat	Not Available	

SECTION 3-PHYSICAL DATA

PHYSICAL STATE: aerosol ODOUR AND APPEARANCE: ODOUR THRESHOLD (PPM): Not available
colourless lemon/orange odour

VAPOUR PRESSURE:MMHG/20°C:1-2 (MMHG) VAPOUR DENSITY: N/A EVAPORATION RATE: <0.1
(mm Hg) (AIR=1) 4.7

BOILING POINT (°C):176.C (348.8F)°F FREEZING POINT(°C):N/A pH:(1% sol/water)

SPECIFIC GRAVITY: 0.840(water=1) COEFF. WATER/OIL DIST.: Not available

SECTION 4-FIRE AND EXPLOSION DATA

FLAMMABILITY: Yes IF YES UNDER WHICH CONDITION? May form flammable mixture
Open flame, sparks excessive heat

MEANS OF EXTINCTION: Water spray, foam, CO2 dry chemicals FLASHPOINT (°C) AND METHOD: Closed
cup:46.111C (115°F) Pensky Martens

UPPER FLAMMABLE LIMIT (% BY VOLUME): 6.5 LOWER FLAMMABLE LIMIT (% BY VOLUME): .7

AUTOIGNITION TEMPERATURE (°C): 250°F HAZARDOUS COMBUSTION PRODUCTS: Hydrocarbon
fumes and smoke, carbon monoxide were
combustion is complete

EXPLOSION DATA SENSITIVITY TO IMPACT: Not Applicable SENSITIVITY TO STATIC DISCHARGE: Not Applicable
When heated product may release ignitable vapors.

SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY: Stable under most conditions

IF NO UNDER WHICH CONDITION?

INCOMPATIBILITY WITH OTHER SUBSTANCES: Yes, strong oxidizing agents, Halogens, Vinyl Chloride.

REACTIVITY, AND UNDER WHAT CONDITIONS: Do not expose to strong oxidizers perchloric acid.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrocarbon fumes smoke, carbon monoxide where conditions are
incomplete and unidentified organic compounds in black smoke.



ENVIROSAFE CHEMICALS CANADA

ENVIROSAFE CHEMICALS CANADA

pg2

PRODUCT IDENTIFICATION: ORANGE C AEROSOL

Industrial Degreaser (Aerosol)

SECTION 6-TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:

SKIN CONTACT: X SKIN ABSORPTION: X EYE CONTACT: X INHALATION: X INGESTION: X

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Moderate skin, throat, respiratory passage, and eye irritation is probable

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: skin-prolonged or repeated exposure can cause skin drying.

EXPOSURE LIMITS: TLV-TWA for butoxyethanol is 20ppm for an 8 hr period.

IRRITANCY OF PRODUCT: moderate

SENSITISATION OF PRODUCT: repeated or prolonged contact may cause allergic response.

CARCINOGENICITY: This material is not considered to be a carcinogen by the National toxicology program, the International agency for Research on cancer.

TERATOGENICITY: no data available

REPRODUCTIVE TOXICITY: no data available

MUTAGENICITY: no data available

SYNERGISTIC PRODUCTS: not applicable

This product is considered to be Biodegradable

SECTION 7-PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: not normally required

GLOVES: PVA, PVC or latex rubber
Viton, nitrile.

RESPIRATOR: dust mask if misty
Conditions prevail

EYE: chemical splash
goggles

FOOTWEAR: Rubber boots

CLOTHING: Trousers/Coveralls/apron OTHER: eye bath

ENGINEERING CONTROL (SPECIFY, EG. VENTILATION ENCLOSED PROCESS): general ventilation normally adequate.

LEAK AND SPILL PRODUCE: small spills-wipe up material with paper rags and dispose of in closed metal waste container. Large spills-use flammable absorbent, keep from flame or sparks. Avoid inhalation and skin contact.

WASTE DISPOSAL: Review all Federal, Provincial and local government requirements prior to disposal.

HANDLING PROCEDURES AND EQUIPMENT: use solvent resistant materials in storage and handling.
Keep away from heat, sparks and open flames.

STORAGE REQUIREMENTS: store in closed container, away from incompatible materials. Store in a cool, dry, well ventilate area.

SPECIAL SHIPPING INFORMATION: combustible liquid n.o.s. class n.r.p.g: III product identification #.
Label as "Consumer Commodity"

SECTION 8-FIRST AID MEASURES

EYE: Immediately flush with water for 15 minutes. Call a physician

SKIN: Flush with water. Call a doctor if irritation develops

INHALATION: remove to fresh air if symptoms persist, call a physician

INGESTION: do not induce vomiting. Contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. If conscious, give lots of water or milk. Call a physician.



ENVIROSAFE CHEMICALS CANADA

ENVIROSAFE CHEMICALS CANADA

pg3

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SECTION 9-ADDITIONAL INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the Information required by the CPR.

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SECTION 10-PREPARATION DATE OF MSDS

PREPARED BY: ENVIROSAFE TECHNICAL DEPT. PHONE NUMBER: 306-446-0505 DATE: January 3 2016

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