

MATERIAL SAFETY DATA SHEET

FEB 26 1998



DowBrands L. P.
P. O. Box 68511
Indianapolis, IN 46268-0511

HAZARD RATING	
FIRE: 1	0 = Insignificant
TOXICITY: 2	1 = Slight
REACTIVITY: 0	2 = Moderate
SPECIAL: -	3 = High
	4 = Extreme

MSDS CODE: 20430
24 HOUR EMERGENCY ASSISTANCE: 1-800-428-4795

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I. MATERIAL IDENTIFICATION

PRODUCT NAME: DOW Heavy Duty Oven Cleaner
CHEMICAL FORMULA: Mixture
DOT PROPER SHIPPING NAME: Consumer Commodity
EXPORT: Aerosols

SYNONYM: None
CAS NUMBER: None
DOT HAZARD CLASS/I.D. NO: ORM-D
EXPORT: IMO Class 9, Group 2, UN1950
EMS-2-13/MFAG-620

U. S. SURFACE FREIGHT CLASSIFICATION: Cleaning Compound, Liquid NOI

DOT LABELING: None
EXPORT: Container Marked Aerosols

II. INGREDIENTS

MATERIAL	CAS NUMBER	PERCENT	TLV (units)	HAZARD DATA
Sodium Hydroxide	1310-73-2	4	2mg/m ³ Ceiling Corrosive	ACGIH Mfr.

Also contains hydrocarbon propellant, water, perfume, thickeners, alkanolamine and glycol ether.

Ingredients not precisely identified are proprietary and non hazardous. All ingredients appear on the EPA TSCA Inventory.

III. PRECAUTIONARY STATEMENTS

DANGER: CAUSES BURNS TO SKIN AND EYES ON CONTACT. CONTENTS UNDER PRESSURE. HARMFUL IF SWALLOWED. AVOID CONTACT WITH EYES, NOSE, SKIN OR CLOTHING. WEAR LONG, RUBBER GLOVES AND EYE PROTECTION. DO NOT BREATHE SPRAY MIST. DO NOT TAKE INTERNALLY. Do not puncture, incinerate, expose to heat, or store above 120°F. KEEP OUT OF REACH OF CHILDREN. Use only as directed on the product label.

IV. PHYSICAL DATA

BOILING POINT, 760 mm Hg:	na	VAPOR PRESSURE at 20°C:	40 psig in can
SPECIFIC GRAVITY (H ₂ O = 1):	1.03	SOLUBILITY IN WATER:	Appreciable
VAPOR DENSITY (air = 1):	> 1	EVAPORATION RATE (water = 1):	na
VOLATILES BY VOLUME, %:	< 10	pH:	13.0 - 14.0
APPEARANCE AND ODOR:	A white foam is expelled from the can which breaks to a pale, yellow liquid with a perfumed odor.		

V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None PMCC (Expelled liquid: after propellant evaporates.) FLAMMABLE LIMITS IN AIR: na
EXTINGUISHING MEDIA: Water, spray, carbon dioxide or foam. The propellant is the only flammable content.
SPECIAL FIRE FIGHTING PROCEDURES: Use positive pressure, self-contained breathing apparatus and full protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers may burst in fire.

® = Trademark of DowBrands Inc.
na = not applicable; ca = approximately; < = less than; > = greater than

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DowBrands L.P. 9550 Zionsville Road, Indianapolis, IN 46268

Product Name: DOW Heavy Duty Oven Cleaner

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VI. HEALTH HAZARD INFORMATION

HAZARD DATA: This product has been tested and labeled according to FHSA requirements and contains no listed carcinogens. Eye irritation: moderate to severe. May cause permanent damage. Skin irritation: Is a primary skin irritant. Will cause chemical burns. Oral LD50 in rats: > 2000 mg/kg. Dermal LD50 in rabbits: > 1000 mg/kg. LC50 in rats: > 19.7 mg/liter.

EFFECTS OF OVEREXPOSURE: EYES: Moderate to severe irritation. CAUSES BURNS TO EYES ON CONTACT. SKIN: Is a primary skin irritant. CAUSES BURNS TO SKIN ON CONTACT. INHALATION: Spray mists may cause some nasal irritation on prolonged exposure.

EMERGENCY AND FIRST AID PROCEDURES: EYES: Immediately flush with water for at least 15 minutes. Get medical attention. SKIN: Immediately remove rings and contaminated clothing, wash skin thoroughly with soap and water. Continually flush for 15 minutes. If irritation persists, get medical attention. INHALATION: Remove to fresh air if breathing is affected. INTERNAL: Do not induce vomiting. Rinse mouth, then drink large amounts of water or milk and call a physician immediately.

VII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Contact with acids and aluminum.

CONDITIONS TO AVOID: No dangerous reactions known or likely. Avoid acid and contact with carboxyl groups, amine salts, halogenated materials and reactive metals.

HAZARDOUS DECOMPOSITION PRODUCTS: None likely in dangerous amounts.

HAZARDOUS POLYMERIZATION: Will not occur.

VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Small Spill: Absorb and wipe up or rinse away with water until no longer slippery.

Large Spill: Dike far ahead of spills and collect for later disposal.

WASTE DISPOSAL METHOD: This product, as packaged, has a pH greater than 12.5. Under certain conditions, disposal of this product may be regulated under 40 CFR 261.20, 40 CFR 261.22 (A). Disposal of this product must be made in accordance with all applicable local, state and federal regulations. In case of large spill, notify treatment plant.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not usually necessary with good, general ventilation.

VENTILATION: Normal.

PROTECTIVE GLOVES: Required: Long, rubber gloves.

EYE PROTECTION: Required: Chemical resistant goggles or safety glasses.

OTHER PROTECTIVE MEASURES: Avoid breathing spray mist.

X. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP OUT OF REACH OF CHILDREN. Do not puncture or incinerate filled containers. Do not expose to heat or store at temperatures above 120°F which may cause bursting.

DISPOSAL: Replace cap, wrap in thick newspaper and discard in trash. Storage Classification: Level 1, per NFPA 30B.

OTHER PRECAUTIONS: Not for continuous or self-cleaning ovens. Not for exterior oven surfaces such as aluminum or chrome trim, or baked enamel. Protect floor and all nearby surfaces with newspapers. Do not spray on switches, heating elements, light bulb, pilot light or thermostat. USE ONLY AS DIRECTED.

PREPARED BY: SSR

REVIEWED BY: PGS; JGW; CJM;

REVISED: 2/18/94

SUPERSEDES: 5/90

SECTIONS REVISED: Overall format, plus revisions in Sections I, II, III, IV, V, VI, VIII, IX, and X.