



MATERIAL SAFETY DATA SHEET

OVER DRIVE Spray Buff

Date Prepared: 05/06/1997
Date Revised: 06/29/1997

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: OVER DRIVE Spray Buff

MANUFACTURER

The Butcher Company
67 Forest Street
Marlborough, MA 01752-3012

Butcher Telephone Number: 800-225-9475
Emergency Telephone (24 hours): 800-228-5635 Ext 118

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS NO.	% BY WEIGHT
Aliphatic petroleum distillates	64742-48-9	10 - 25
Nonyl phenol ethoxylate	9016-45-9	1 - 3
Diethylene glycol ethyl ether	111-90-0	1 - 1.5

See Section 8 for Exposure Limits *NA - Not Applicable*

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Opaque, White Liquid. Mild Odor. Combustible. May Cause Eye and Skin Irritation. Harmful if Swallowed.

POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological Information)

PRIMARY ROUTE(S) OF EXPOSURE: Eye Skin Contact Skin Absorption
 Inhalation Ingestion

EFFECTS OF ACUTE EXPOSURE

EYES:

May cause eye irritation. Symptoms may include redness and pain.

SKIN:

May cause skin irritation. Symptoms may include redness, rash and mild swelling.

INHALATION:

High concentrations of vapor or mist may cause nose, throat and respiratory tract irritation. Symptoms may include coughing. High concentrations of vapor or mist may also cause central nervous system effects including headache, dizziness and nausea.

INGESTION:

Harmful if swallowed. May cause mouth, throat and stomach irritation. Symptoms may include nausea, vomiting and diarrhea. May also cause central nervous system effects including headache, dizziness and weakness. Ingestion may lead to aspiration into the lungs causing lung injury.

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EFFECTS OF CHRONIC EXPOSURE:

Prolonged or repeated contact can cause defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

MEDICAL CONDITIONS AGGRAVATED:

May aggravate pre-existing eye, skin and respiratory conditions.

4. FIRST AID MEASURES

EYES:

Flush eyes with plenty of water while holding eyelids apart. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Do not put any medication in the victim's eyes unless instructed by a physician. Get medical attention.

SKIN:

Flush thoroughly with plenty of water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops or persists. Thoroughly wash (or discard) clothing and shoes before reuse.

INHALATION:

Remove to fresh air. If not breathing, give respiration; if breathing is difficult, give oxygen (by trained personnel only). Get medical attention if symptoms persist.

INGESTION:

Do not induce vomiting. Drink large quantities of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: 190°F 88°C TCC

FLAMMABLE LIMITS:

Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable.

EXTINGUISHING MEDIA:

Use water fog, dry chemical, CO₂, or foam.

HAZARDOUS COMBUSTION PRODUCTS:

Normal products of combustion (carbon monoxide and carbon dioxide).

FIRE AND EXPLOSION HAZARDS:

Class IIIA combustible liquid. This product is combustible and may be ignited by heat, flames and other ignition sources.

FIRE FIGHTING INSTRUCTIONS:

Evacuate area. Cool containers exposed to fire with water. MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear should be worn.

6. ACCIDENTAL RELEASE MEASURES

See Section 8, Exposure Controls/Personal Protection and Section 3, Hazard Identification. Floors may be slippery. Use care to avoid falling. Ventilate spill area. Contain and isolate spill. Prevent from entering sewers and waterways. Keep non-essential personnel from entering spill area. Use mop and absorbent to collect material for proper disposal. Rinse area with water.

7. HANDLING AND STORAGE

HANDLING:
Follow label use directions. Do not mix with other chemicals unless instructed by label directions. Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Avoid breathing vapor or mist. Use spark-proof tools. Wash thoroughly after handling. Remove contaminated clothing. Wash clothing and equipment before reuse.

STORAGE:
Keep container closed when not in use. Store away from incompatible materials. (See Section 10, Stability and Reactivity). Keep away from heat and flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE:
Where eye contact is possible, wear safety glasses with side shields or chemical splash goggles (ANSI Z87.1 approved).

SKIN:
Where skin contact is possible, chemical-resistant clothing (e.g., gloves) should be worn.

RESPIRATORY:
No respiratory protection is required if ventilation is adequate and airborne concentrations are kept below exposure limits. When exposure limits may be exceeded, use appropriate respiratory protection (NIOSH/MSHA-approved) to prevent overexposure.

ENGINEERING CONTROLS:

General room ventilation is expected to be adequate. If user operations generate vapor or mist, ventilation should be used to keep airborne concentrations below exposure limits.

ACUTE DATA:
Based on acute toxicity testing, this product is not considered to be toxic by inhalation. The following data are available for this product and its ingredients.

11. TOXICOLOGICAL INFORMATION

INCOMPATIBLE MATERIALS:
Oxidizers (e.g., bleach).

HAZARDOUS DECOMPOSITION:
None.

POLYMERIZATION:
Will not occur.

STABILITY (CONDITIONS TO AVOID):
Stable.

10. STABILITY AND REACTIVITY

PHYSICAL STATE: Liquid
ODOR: Mild
APPEARANCE: Opaque, White
pH: 7.8 to 8.8
PERCENT VOLATILE BY WEIGHT: 95
VAPOR PRESSURE: Not Determined
VAPOR DENSITY: Not Determined
BOILING POINT: Not Determined
FREEZING/MELTING POINT: Not Determined
SOLUBILITY IN WATER: Dispersible
EVAPORATION RATE: Not Determined
SPECIFIC GRAVITY: 0.96
VISCOSITY: Slightly Viscous
OCTANOL/WATER PARTITION COEFFICIENT: Not Determined
ODOR THRESHOLD: Not Determined

9. PHYSICAL AND CHEMICAL PROPERTIES

EXPOSURE LIMITS:		INGREDIENT(S)	
OSHA PEL/STEL	100 ppm (400 mg/m ³)	Aliphatic petroleum distillates	NE - Not Established
ACGIH TLV/STEL	NE	Nonyl phenol ethoxylate	NE
	NE	Diethylene glycol ethyl ether	NE

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PRODUCT/INGREDIENT	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
OVER DRIVE Spray Buff	Not Available	Not Available	>200 mg/L (1-hr)
Aliphatic petroleum distillates	500 mg/kg	3160 mg/kg	Not Available
Nonyl phenol ethoxylate	2000-5000 mg/kg	1000-3000 mg/kg	Not Available
Diethylene glycol ethyl ether	5500 mg/kg	8500 mg/kg	200 mg/L (1-hr)

SENSITIZATION DATA:

No data available.

CHRONIC DATA:

Prolonged overexposure to high concentrations of aliphatic petroleum distillates by inhalation has caused minor kidney effects in laboratory animals. Prolonged overexposure to high concentrations of diethylene glycol ethyl ether by ingestion has caused liver and kidney effects in laboratory animals; prolonged overexposure by dermal absorption has also caused kidney effects in animals.

REPRODUCTIVE/TERATOGENIC DATA:

No data available.

CARCINOGENIC/MUTAGENIC DATA:

Not listed as carcinogenic by NTP, IARC, or ACGIH or regulated as a carcinogen by OSHA.

SYNERGISTIC MATERIALS:

No data available.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, state or provincial and federal regulations. The unused product, as manufactured, is a RCRA non-hazardous waste in accordance with 40 CFR 261. The product has not been evaluated by the Toxicity Characteristic Leachate Procedure (TCLP). According to RCRA, it is the responsibility of the waste generator to ensure proper disposal.

14. TRANSPORT INFORMATION

DOT/IDG HAZARDOUS MATERIAL DESCRIPTION: Not regulated

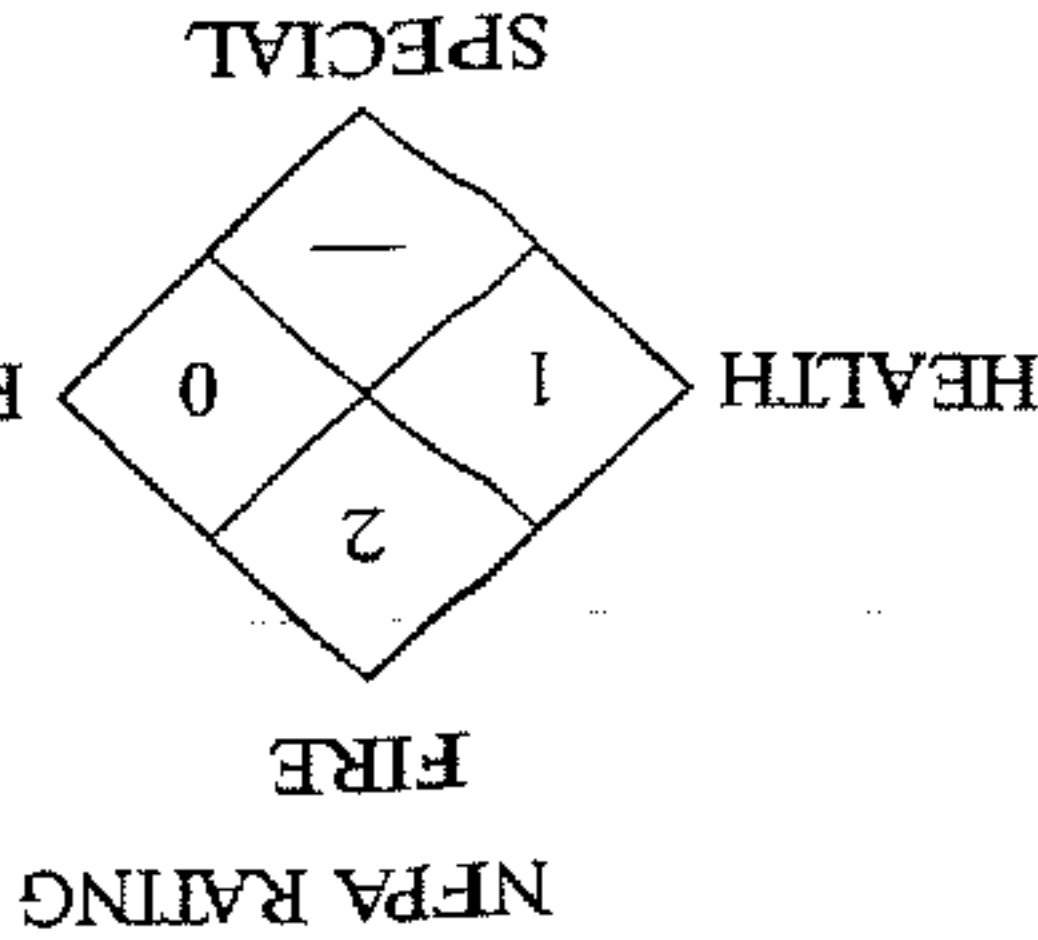
15. REGULATORY INFORMATION

Not meant to be all-inclusive—selected regulations represented.

MSDS STATUS
New MSDS

HEALTH	1	*
FLAMMABILITY	2	
REACTIVITY	0	
PERSONAL PROTECTION	-	

HMIS RATING



16. OTHER INFORMATION

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):
 Class B-Division 3, combustible liquid; Class D-Division 2B, eye and skin irritant. 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.

CANADA

NA - Not Applicable

Water
 Aliphatic petroleum distillates
 Acrylic copolymer
 Nonyl phenol ethoxylate
 Diethylene glycol ethyl ether

INGREDIENT(S)

MASSACHUSETTS, NEW JERSEY, PENNSYLVANIA RIGHT-TO-KNOW:

CAS NO.

7732-18-5
 64742-48-9
 NA
 9016-45-9
 111-90-0

STATE LISTING

Not Listed
 NJ, PA
 Not Listed
 Not Listed
 Not Listed
 Not Listed

TSCA (TOXIC SUBSTANCE CONTROL ACT)
 TSCA STATUS: This product complies with all TSCA inventory requirements.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)
 CERCLA REGULATORY: None of the ingredients in this product are reportable under CERCLA.

313 REPORTABLE INGREDIENTS: Diethylene glycol ethyl ether is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 under the chemical category Glycol Ethers.

UNITED STATES
 SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
 311/312 HAZARD CATEGORIES: Under 40 CFR 370.2, this product meets the following hazard categories: Immediate, Delayed, Fire.

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The information on this data sheet represents our current data and best opinion as to the proper use in handling of the product under normal foreseeable conditions. Any use of this product which is not in conformance with this data sheet or product label, or which involves using the product in combination with any other product or any other process is the responsibility of the user.