



MATERIAL SAFETY DATA SHEET

22 SPEEDBALL 2000 Power Cleaner
Concentrate

Date Prepared: 09/16/1997
Date Revised: 01/04/2000

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: 22 SPEEDBALL 2000 Power Cleaner Concentrate
Product Synonyms: Command Center 22 SPEEDBALL 2000 Power Cleaner Concentrate;
Outpost 22 SPEEDBALL 2000 Power Cleaner Concentrate

MANUFACTURER

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

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

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT(S)</u>	<u>CAS NO.</u>	<u>% BY WEIGHT</u>
Monoisopropanolamine	78-96-6	10 - 25
Polyglycol aliphatic ether, NJ Trade Secret Registry #11173400-5070P	NA	10 - 25
Aromatic alcohol, NJ Trade Secret Registry #11173400-5071P	NA	10 - 25
Glycol aromatic ether, NJ Trade Secret Registry #11173400-5072P	NA	5 - 7
Linear primary alcohol ethoxylate	34398-01-1	5 - 7
Tetrasodium ethylenediamine tetraacetate	64-02-8	1 - 1.5
Potassium hydroxide	1310-58-3	0.25 - <1.0

See Section 8 for Exposure Limits NA - Not Applicable

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear, Purple Liquid. Citrus Odor. May Cause Eye Burns 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 burns. Symptoms may include pain, tearing, redness, swelling, and eye injury.

SKIN:

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

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HAZARDOUS COMBUSTION PRODUCTS:
Normal products of combustion (carbon monoxide and carbon dioxide) and nitrogen oxides.

FIRE AND EXPLOSION HAZARDS:
None known.

FIRE FIGHTING INSTRUCTIONS:
This product is not flammable. As in any fire, 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. 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. Avoid breathing vapor or mist. 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).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION
PERSONAL PROTECTIVE EQUIPMENT (PPE)
EYE:
Where eye contact is possible, wear 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 general room ventilation is adequate and airborne concentrations are kept below exposure limits. When exposure limits are exceeded, use appropriate respiratory protection (NIOSH/MSHA) 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.

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INHALATION:
High concentrations of vapor or mist may cause nose, throat and respiratory tract irritation. Symptoms may include coughing and a burning sensation in the nose and throat. 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 burns. Symptoms may include nausea, vomiting, diarrhea, and severe stomach pain. May also cause central nervous system effects including headache, dizziness and weakness.

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:
Immediately 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 immediate 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: >200°F 93°C ICC
FLAMMABLE LIMITS:
Not applicable.
AUTOIGNITION TEMPERATURE: Not applicable.
EXTINGUISHING MEDIA:
Use extinguishing media appropriate for surrounding fire.

EXPOSURE LIMITS:

INGREDIENT(S)	OSHA PEL/STEL	ACGIH TLV/STEL
Monoisopropanolamine	NE	NE
Polyglycol aliphatic ether, NJ Trade Secret Registry #11173400-5070P	NE	NE
Aromatic alcohol, NJ Trade Secret Registry #11173400-5071P	NE	NE
Glycol aromatic ether, NJ Trade Secret Registry #11173400-5072P	NE	NE
Linear primary alcohol ethoxylate	NE	NE
Tetrasodium ethylenediamine tetraacetate	NE	2 mg/m3 ((Ceiling)
Potassium hydroxide	NE	2 mg/m3 ((Ceiling)

NE - Not Established

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
 ODOR: Citrus
 APPEARANCE: Clear, Purple
 pH: 11.5 to 12.5
 PERCENT VOLATILE BY WEIGHT: 80
 VAPOR PRESSURE: Not Determined
 VAPOR DENSITY: Not Determined
 BOILING POINT: Not Determined
 FREEZING/MELTING POINT: Not Determined
 SOLUBILITY IN WATER: Complete
 EVAPORATION RATE: Not Determined
 SPECIFIC GRAVITY: 1.0
 VISCOSITY: Water Thin
 OCTANOL/WATER PARTITION COEFFICIENT: Not Determined
 ODOR THRESHOLD: Not Determined

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): Stable.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION: None.

INCOMPATIBLE MATERIALS:

Strong acids (e.g., hydrochloric) and oxidizers (e.g., bleach).

11. TOXICOLOGICAL INFORMATION

ACUTE DATA:

This product may cause severe eye irritation or burns and moderate skin irritation. Based on acute toxicity testing, it is harmful if swallowed. This product is not considered to be toxic by skin absorption or inhalation. The following data are available for this product and its ingredients:

PRODUCT/INGREDIENT	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
22 SPEEDBALL 2000 Power Cleaner Concentrate	500-5000 mg/kg	>2000 mg/kg	>20 mg/L (1-hr)
Monoisopropanolamine	2098 mg/kg	1851 mg/kg	Not Available
Polyglycol aliphatic ether, NJ Trade Secret Registry #11173400-5070P	2600-3100 mg/kg	>2000 mg/kg	Not Available
Aromatic alcohol, NJ Trade Secret Registry #11173400-5071P	1230 mg/kg	2000 mg/kg	1000 ppm (8-hr)
Glycol aromatic ether, NJ Trade Secret Registry #11173400-5072P	2830-3730 mg/kg	>2000 mg/kg	Not Available
Linear primary alcohol ethoxylate	700-1700 mg/kg	>2000 mg/kg	Not Available
Tetrasodium ethylenediamine tetraacetate	3030 mg/kg	>5000 mg/kg	Not Available

SENSITIZATION DATA:

No data available.

CHRONIC DATA:

Prolonged overexposure to high concentrations of monoisopropanolamine by ingestion has caused liver and kidney effects in laboratory animals. Prolonged overexposure to the aromatic alcohol by ingestion and inhalation has caused central nervous system effects in humans and laboratory 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

This product is made with all biodegradable detergents. No other 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, may be a RCRA hazardous waste in accordance with 40 CFR 261. The product's pH should be verified prior to disposal. According to RCRA, it is the responsibility of the waste generator to ensure proper disposal.

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14. TRANSPORT INFORMATION

DOT/IDG HAZARDOUS MATERIAL DESCRIPTION: Not regulated

15. REGULATORY INFORMATION

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

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.

313 REPORTABLE INGREDIENTS: Ingredients in this product are not currently subject to notification.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT) CERCLA REGULATORY: Not reportable under CERCLA.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: This product complies with all TSCA inventory requirements.

USDA (U.S. DEPARTMENT OF AGRICULTURE):

This product is authorized for use in federally inspected meat and poultry plants.

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

INGREDIENT(S)	CAS NO.	STATE LISTING
Water	7732-18-5	Not Listed
Monoisopropanolamine	78-96-6	MA, PA
Polyglycol aliphatic ether, NJ Trade Secret Registry #11173400-5070P	NA	Not Listed
Aromatic alcohol, NJ Trade Secret Registry #11173400-5071P	NA	MA, PA
Glycol aromatic ether, NJ Trade Secret Registry #11173400-5072P	NA	Not Listed

NA - Not Applicable

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Class D-Division 2B, eye and skin irritant; Class D-Division 2B, chronic toxic effects. 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.

EXEMPTION REG. NO.: Claim for exemption filed.

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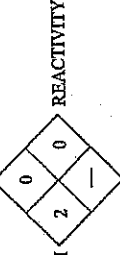
16. OTHER INFORMATION

HMSD RATING

HEALTH	-	3
FLAMMABILITY	0	0
REACTIVITY	0	0
PERSONAL PROTECTION	-	-

NFPA RATING

FIRE



HEALTH

REACTIVITY

SPECIAL

MSDS STATUS
Revision #: 4

This MSDS replaces the December 18, 1997 MSDS. Any changes in information are as follows:
In Section 1
General Use Statement

APPROVED BY: EH&S/Regulatory Affairs
APPROVAL DATE: 01/04/2000

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.