



MATERIAL SAFETY DATA SHEET

COUNTERBALANCE
Neutralizer
Conditioner/Odor
Counteractant

MSDS Ref. No: 4399
Date Prepared: 11/15/2001
Date Revised: 11/16/2001

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME/USE: COUNTERBALANCE Neutralizer Conditioner/Odor Counteractant

MANUFACTURER

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

Butcher Telephone Number: 800-225-9475
Emergency Telephone (24 hours): 800-228-5635
CHEMTREC (U.S./Can.): 800-424-9300
CHEMTREC (Int'l): +1 703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT(S)</u>	<u>CAS#</u>	<u>% BY WEIGHT</u>
Citric acid	77-92-9	60 - 75
Sodium carbonate	497-19-8	25 - 40

See Section 8 for Exposure Limits NA - Not Applicable

OSHA REGULATORY STATUS: This product is classified as hazardous under OSHA regulations.

WHMIS CLASS: Class D- Division 2B

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

White, Powder . No Odor. Causes Eye Irritation.

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: Causes eye irritation. Symptoms may include redness and pain.

SKIN: May cause mild skin irritation. Symptoms may include redness.

INHALATION: Dust may cause nose, throat and respiratory tract irritation. Symptoms may include coughing and chest discomfort.

INGESTION: May cause slight mouth, throat and stomach irritation.

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). Prolonged or repeated exposure to an ingredient in this product may cause allergic skin reaction.

MEDICAL CONDITIONS AGGRAVATED: May aggravate pre-existing eye 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 with water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops.

INHALATION: Remove to fresh air. 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: None

FLAMMABLE LIMITS: Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

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

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. Isolate spill and keep non-essential personnel from entering spill area. Avoid dust formation. Using non-metallic implements, collect by carefully scooping or shoveling into a suitable dry container.

7. HANDLING AND STORAGE

HANDLING: Follow label use directions. Do not handle packets with wet hands. Reseal container after removing packets. Do not mix with other chemicals unless instructed by label directions. Avoid contact with eyes. Minimize dust generation. Avoid breathing dust. Wash thoroughly after handling. Remove contaminated clothing. Wash clothing and equipment before reuse.

STORAGE: Keep container closed when not in use. Keep from freezing. 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 safety glasses with side shields or chemical splash goggles (ANSI Z87.1 approved).

SKIN: Where prolonged or repeated contact is possible, chemical-resistant clothing (e.g., gloves) is recommended.

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. For dust, use an approved dust respirator.

ENGINEERING CONTROLS: Good general room ventilation is expected to be adequate. If user operations generate dust, ventilation should be used to keep airborne concentrations below exposure limits for nuisance dusts (10 mg/m³ {total dust}; 3 mg/m³ {respirable fraction}).

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EXPOSURE LIMITS:

INGREDIENT(S)

Citric acid
Sodium carbonate

OSHA PEL/STEL

NA
NA

ACGIH TLV/STEL

NA
NA

NA - Not Available

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: No

APPEARANCE: White, Powder

pH: 4

PERCENT VOLATILE BY WEIGHT: Not Applicable

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Not Applicable

BOILING POINT: Not Applicable

FREEZING/MELTING POINT: Not Applicable

SOLUBILITY IN WATER: Complete

EVAPORATION RATE: Not Applicable

SPECIFIC GRAVITY: 0.9

VISCOSITY: Not Applicable

OCTANOL/WATER PARTITION COEFFICIENT: Not Available

ODOR THRESHOLD: Not Available

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): Stable.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION: None.

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

11. TOXICOLOGICAL INFORMATION

ACUTE DATA: No data is available for this product. The following data are available for product ingredients:

<u>PRODUCT/INGREDIENT</u>	<u>ORAL LD₅₀ (rat)</u>	<u>DERMAL LD₅₀ (rabbit)</u>	<u>INHALATION LC₅₀ (rat)</u>
Citric acid	3000 - 11700 mg/kg	Not Available	Not Available
Sodium carbonate	4090 - mg/kg	Not Available	2300 - mg/m3 (2-hr)

SENSITIZATION DATA: No data available.

CHRONIC DATA:

No data available.

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

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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/TDG 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 category: Immediate.

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

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: None of the ingredients in this product are reportable under CERCLA.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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

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

INGREDIENT(S)

Citric acid

Sodium carbonate

NA - Not Applicable

CAS NO.

77-92-9

497-19-8

STATE LISTING

Not Listed

Not Listed

CANADA

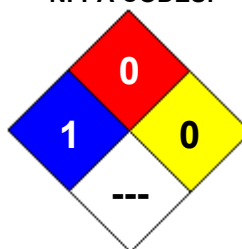
WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Class D-Division 2B, eye irritant. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

HMIS RATING

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	-

NFPA CODES:



APPROVED BY: EH&S/Regulatory Affairs

MSDS STATUS

Revision No: 2

Revision #: 2

This MSDS replaces the November 15, 2001 MSDS. Any changes in information are as follows:

In Section 3

Chronic Effects

In Section 7

Handling Storage

In Section 9

Physical State Code

APPROVAL DATE: 11/16/2001

COUNTERBALANCE Neutralizer Conditioner/Odor Counteractant

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.