

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Double Indemnity
Product Number: CU043
Chemical Name: Anti-Browning Fabric Cleaner
Chemical Family: Reducing Agent
CAS Number: Blend

HARRIS RESEARCH, INC.

Company Identification

Harris Research, Inc.
1530 North 1000 West
Logan, UT 84321 USA
1-435-755-0099 (For product information)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
SODIUM METABISULFITE	95.0 - 99.0 %	7681-57-4
SODIUM ALKYL NAPHTHALENE SULFONATE	1.0 - 5.0 %	MIXTURE - S

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

3. HAZARDS IDENTIFICATION

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*****      EMERGENCY OVERVIEW      *****
*                                                                              *
*                                CAUTION                                *
*                                                                              *
*  Avoid inhalation.  Harmful if swallowed.                            *
*                                                                              *
*****

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(section 3 continued)

NFPA Rating - **Health:** 2
 Flammability: 0
 Reactivity: 0
 Special Hazard: None

POTENTIAL HEALTH EFFECTS

EYE:

Contact may cause eye irritation.

SKIN:

Prolonged or repeated contact may cause skin irritation.

INHALATION:

Dust may be irritating to respiratory tract.

INGESTION:

Harmful if swallowed.

CARCINOGENICITY INFORMATION:

NTP: No IARC: No OSHA: No.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.

SKIN CONTACT FIRST AID:

Wash affected area immediately with large amounts of soap and water.

INHALATION FIRST AID:

Remove to fresh air.

INGESTION FIRST AID:

If swallowed, immediately give 2 glasses of water. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

TCC Flash Point: None

Autoignition Temperature: N/A



(section 5 continued)

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA:

Appropriate for surrounding conditions.

FIRE & EXPLOSION HAZARDS:

Temperatures above 320 F (150 C) can cause this material to decompose, yielding toxic and corrosive oxides of sulfur.

COMBUSTION PRODUCTS:

Sulfur oxides and sodium oxide.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Avoid inhalation of dust and contact with material.

LARGE SPILLS PROCEDURE:

Vacuum or sweep up material and place in a disposal container. Avoid creating dust.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Avoid breathing dust.

HANDLING (PHYSICAL ASPECTS):

Store in a cool dry area.

STORAGE PRECAUTIONS:

Store away from heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use only with adequate ventilation.

EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses.



(section 8 continued)

SKIN PROTECTION REQUIREMENTS:

Wash hands thoroughly after handling.

RESPIRATORY PROTECTION REQUIREMENTS:

Under normal use conditions, with adequate ventilation, no special handling equipment is required.

EXPOSURE GUIDELINES:

Sodium Metabisulfite

OSHA TWA: 5 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Powder
COLOR: White
ODOR: Sulfurous
SOLUBILITY IN WATER ...: 30 g/100 ml
PH: 4.5 - 5.5 (2% aqueous solution)

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Acids and oxidizing agents.

DECOMPOSITION:

Sulfur oxides and sodium oxide.

CONDITIONS TO AVOID:

High temperatures and acids.

11. TOXICOLOGICAL INFORMATION

Sodium Metabisulfite

Test Code: Dermal LD50
Species: Guinea pig
Results: >1 g/kg



(section 11 continued)

Test Code: Oral LD50
Species: Rat
Results: 1130-1190 mg/kg

12. ECOLOGICAL INFORMATION

Sodium Metabisulfite

Test Code: LC50
Species: Salmo gairdneri
Results: 150-220 mg/L/96 hours

Test Code: EC/LC50
Species: Pseudomonas putida
Results: 56 mg/L 17 hours

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL: Double Indemnity
D.O.T. SHIPPING NAME ...: Not regulated

MISCELLANEOUS:

IATA Shipping Classification: Not Regulated.

IMO/IMDG Shipping Classification: Not Regulated.

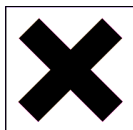
15. REGULATORY INFORMATION

REGULATORY LISTS SEARCHED:

01 = SARA TITLE III SECTION 302	02 = SARA Title III Section 313
03 = RCRA HAZARDOUS WASTE CODES	04 = CERCLA Hazardous Substances
05 = CLEAN AIR ACT	06 = California Prop. 65

EEC Symbols and Indications of Danger:

Harmful (Xn)



(section 15 continued)

R-Phrases:

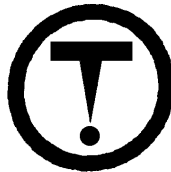
R20/22 - Harmful by inhalation and if swallowed.
R31 - Contact with acids liberates toxic gas.

S-Phrases:

S22 - Do not breathe dust.

WHMIS Hazard Symbols:

Class D-2(B) - Materials Causing Other Toxic Effects



Canadian Disclosure List

Sodium Metabisulfite (7681-57-4)

MISCELLANEOUS INFORMATION:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

16. OTHER INFORMATION

PREPARED BY: Edward Durrant
APPROVED BY: Dale Jensen
TITLE: Product Development Manager
APPROVAL DATE: February 12, 2009
SUPERCEDES DATE ...: March 27, 2006
RTN NUMBER: 00000009 (Official Copy)

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