

SAFETY DATA SHEET

Oxy Bright Pre-Spray Part B

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Oxy Bright Pre-Spray Part B
Product Number: C179-B

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)

HRI

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION: Oxidizer. Dust irritating to respiratory tract.

GHS Hazard Symbols:

Oxidizing, Corrosive, Irritant



GHS Hazard Statements:

H272 - May intensify fire; oxidizer.
H302 - Harmful if swallowed.
H318 - Causes serious eye damage.

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P220 - Keep/Store away from clothing/combustible materials.
P221 - Take any precaution to avoid mixing with combustibles.
P264 - Wash hands, forearms, and exposed areas thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301/312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P305/351/338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.
P370/378 - In case of fire: Use water, water spray, fog, alcohol resistant foam, carbon dioxide, dry chemical powder for extinction.
P501 - Dispose of contents/container to comply with local, regional, national, and international regulations..



EYE:

Can cause severe eye irritation.

SKIN:

May cause skin irritation with discomfort or rash.

INHALATION:

Irritating to the nose, throat, and respiratory tract.

INGESTION:

Irritating to mouth, throat, and stomach.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
SODIUM PERCARBONATE	70.0 - 85.0 %	15630-89-4
SODIUM METASILICATE	10.0 - 20.0 %	6834-92-0
SODIUM BICARBONATE	5.0 - 10.0 %	144-55-8

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Flush eye with water for 15 minutes. Get immediate medical attention.

SKIN CONTACT FIRST AID:

Wash skin with plenty of water while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

INHALATION FIRST AID:

If exposed to excessive levels of dust, remove to fresh air.

INGESTION FIRST AID:

Do not induce vomiting. Contact a physician.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: None

TCC Flash Point: None

Autoignition Temperature: None

FLAMMABLE LIMITS IN AIR

LEL: None

UEL: None

EXTINGUISHING MEDIA:

Use media suitable for surrounding fire conditions.

FIRE & EXPLOSION HAZARDS:

Contact with combustible materials may cause a fire.

COMBUSTION PRODUCTS:



This product decomposes to form hydrogen peroxide, carbon dioxide, and oxygen.

MISCELLANEOUS:

This product is an oxidizer, which can act to sustain the combustion of flammable materials.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Protect skin and eyes from exposure. If excessive dust is created, wear dust mask or respirator to keep exposure below the Permissible Exposure Level for particulate matter.

INITIAL CONTAINMENT:

Contain spilled material.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Avoid breathing dust. Avoid contact with eyes, skin, and clothing.

HANDLING (PHYSICAL ASPECTS):

Avoid extreme temperatures. Store in a cool dry area.

STORAGE PRECAUTIONS:

Do not store near combustible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses.

SKIN PROTECTION REQUIREMENTS:

Wear protective gloves to minimize skin contamination.

RESPIRATORY PROTECTION REQUIREMENTS:

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

EXPOSURE GUIDELINES:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Powder
COLOR:	White
ODOR:	None
SOLUBILITY IN WATER:	Slight
PH:	10-11.5 (3 % solution)

10. STABILITY AND REACTIVITY

STABILITY:



Stable when dry.

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

This material is incompatible with organic materials, heavy metals, oils and greases. Contamination with moisture, acids, reducing agents and metallic ions may cause decomposition.

DECOMPOSITION:

Decomposition may produce hydrogen peroxide, oxides of carbon and oxygen.

CONDITIONS TO AVOID:

Avoid moisture, high temperatures, and exposure to incompatible materials.

11. TOXICOLOGICAL INFORMATION

Sodium percarbonate

Test Code: Oral LD50

Species: Rat

Results: 2400 mg/Kg

SODIUM METASILICATE

Test Code: Oral LD50

Species: Rat

Results: 1153 mg/kg

SODIUM BICARBONATE

Test Code: Oral LD50

Species: Rat

Results: 4220 mg/kg

12. ECOLOGICAL INFORMATION

SODIUM BICARBONATE

Test Code: Acute Aquatic Toxicity (96 hr.)

Species: Bluegill sunfish

Results: 8250-9000 mg/L/96H.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Neutralize with weak acid (e.g., vinegar) and flush to sewer. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. TRANSPORT INFORMATION

PRODUCT LABEL:	Oxy Bright Pre-Spray Part B
D.O.T. SHIPPING NAME:	Consumer commodity
D.O.T. HAZARD CLASS:	ORM-D
UN NUMBER:	ID8000
D.O.T. LABEL:	Consumer Commodity/ ORM-D



MISCELLANEOUS:

IATA Shipping Classification: UN3378, Sodium Carbonate Peroxyhydrate, Packaging Group II, Oxidizer 5.1.

IMO/IMDG Shipping Classification: UN3378, Sodium Carbonate Peroxyhydrate, Packaging Group II, Oxidizer 5.1.

DOT Shipping Exception: 49CFR 173.152(c).

Note: Limited quantity shipping exception for inner packaging not exceeding 25.0 kg of product.

15. REGULATORY INFORMATION

REGULATORY LISTS SEARCHED:

01 = SARA TITLE III SECTION 302

03 = RCRA HAZARDOUS WASTE CODES

05 = CLEAN AIR ACT

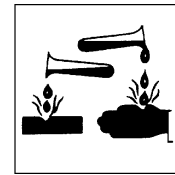
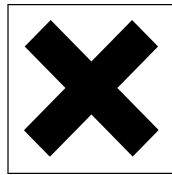
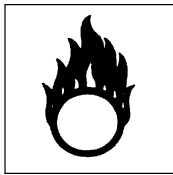
02 = SARA Title III Section 313

04 = CERCLA Hazardous Substances

06 = California Prop. 65

EEC Symbols and Indications of Danger:

EU Oxidizing (O), Irritant (Xi), Corrosive (C)



R-Phrases:

R34 - Causes burns.

R37 - Irritating to respiratory system.

S-Phrases:

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S23.1 - Do not breathe gas/fumes/vapor.

S36/37/39 - Wear suitable protective clothing, gloves, and eye/face protection.

WHMIS Hazard Symbols:

Class C - Oxidizing Material, Class E - Corrosive Material



Canadian Disclosure List

SODIUM METASILICATE (6834-92-0)

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

REASON FOR ISSUE:

New product

PREPARED BY:

Adnan Manassra



APPROVED BY: Sterling Nesbit
TITLE: Chemist
APPROVAL DATE: October 30, 2015
SUPERCEDES DATE: July 30, 2015
RTN NUMBER: 00000285 (Official Copy)

HMS Rating:

Health - 2
Flammability - 0
Reactivity - 1

NFPA Rating:

Health - 2
Flammability - 0
Reactivity - 1
Special Hazard - Oxidizer

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