

# MATERIAL SAFETY DATA SHEET

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**SECTION ONE** *PRODUCT IDENTIFICATION*

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PRODUCT NAME Bravo

CHEMICAL FAMILY

Powdered Detergent

SUPPLIERS NAME

Diversified Chemical Products, Inc.

EMERGENCY CONTACT

ADDRESS 1208 Iron

1-800-752-6589

CITY STATE Kansas City, MO 64116

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**SECTION TWO** *HAZARDOUS INGREDIENTS*

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MATERIAL OR COMPONENT

HAZARD DATA

Soda Ash (CAS 497-19-8)

PEL TWA 15mg/m (3)

Sodium Silicate (CAS 6834-92-0)

PEL-none, ACGIH-none, other limits - none

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**DOT DESCRIPTION**

Compounds, cleaning dry

NFPA Health 2 Flammability 0 Reactivity 0 Other-

HMIS Health 2 Flammability 0 Reactivity 0 Other-

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**SECTION THREE** *PHYSICAL AND CHEMICAL CHARACTERISTICS*

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BOILING POINT

SPECIFIC GRAVITY

VAPOR PRESSURE

SOLUBILITY IN WATER

Complete

REACTIVITY IN WATER

Non-reactive

APPEARANCE AND ODOR White free-flowing powder with mild odor.

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**SECTION FOUR** *FIRE AND EXPLOSION DATA*

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FLASH POINT

FLAMMABLE LIMITS

EXTINGUISHING MEDIA

SPECIAL FIRE FIGHTING PROCEDURE

UNUSUAL FIRE EXPLOSION HAZARDS

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**SECTION FIVE** *REACTIVITY DATA*

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**STABILITY** Stable**INCOMPATIBILITY** Strong acids/ soft metals-Alumium,magnes**HAZARDOUS DECOMPOSITION PRODUCT**

Carbon Dioxide, Carbon monoxide

**HAZARDOUS POLYMERIZATION**Will not occur

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**SECTION SIX** *HEALTH INFORMATION*

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**EFFECTS OF OVEREXPOSURE****EYES** Will cause exteme irritation and possible eye damage if first aid treatment is postponed.**SKIN** May cause skin irritaion**INHALATION** Prolonged breathing of dust will cause irritation of breathing passages.**INGESTION** Will cause severe irritation and burns to esophogus and stomach.

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**SECTION SEVEN** *EMERGENCY AND FIRST AID PROCEDURES*

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**EYES** Flush with clear water for 15 minutes. Seek immediate medical attention.**SKIN** Wash with soap and water. Rinse thoroughly with clear water. If irritation persists, consult a physician.**INHALATION** Remove to fresh air source. Give oxygen if available. If breathing has stopped, begin CPR**INGESTION** Do not induce vomiting. Drink Water or magnesia. Contact a physician immediately.

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**SECTION EIGHT** *SPECIAL PROTECTION INFORMATION*

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**EYE PROTECTION** Safety glasses**GLOVES** Water resistant.**VENTILATION** Mechanical is satisfactory.**RESPIRATORY PROTECTION** If TLV is exceeded, wear a NIOSH approved respirator.**OTHER PROTECTIVE EQUIPMENT** Apron and boots if working conditions merit.

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**SECTION NINE** *SPILL OR LEAK PROCEDURES*

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**IN CASE OF SPILL**

Sweep up.

**WASTE DISPOSAL METHOD**

Incinerate according to local, state and federal regulations.

**STORAGE AND HANDLING PRECAUTION**

Keep container closed when not in use.

PREPARED BY: KENT D. ZIMMERMAN TITLE: CHEMIST DATE 1-16-06