

MATERIAL SAFETY DATA SHEET

(Prepared According to CFR 1910, 1200)

PRODUCT IDENTIFICATION:

DEUCE

Date : June ,1997

SECTION 1A

MANUFACTURER'S IDENTIFICATION

EQUIPMENT TRADE SERVICE COMPANY, INC.

20

E. Winona Avenue
Norwood, PA 19074

Reorder Phone: (610) 583-7657

Emergency Phone: CHEMTEL (800) 255-3924

SECTION 1B

PRODUCT INFORMATION

TRADE NAME: CAS # 25144-30-0

TYPE/USAGE:

DOT SHIPPING NAME: "Non-Hazardous" Not listed in CFR 49/172.101.

DATE PREPARED: 5/6/94

N.F.P.A. RATING:

HEALTH (Blue) ___

FIRE (Red) ___

(0=SAFE, 4=DANGER)

REACTIVITY (Yellow) ___

SPECIAL (White) ___

CHEMICAL/COMMON NAME

OSHA

ACGIH

OTHER

EXPO %

CAS #

SECTION 2

HAZARDOUS INGREDIENTS/IDENTITY

	PEL	TLV	LIMITS	(opt.)
Sodium Dodecylbenzene Sulfonate	N/E			25144-30-0

APPEARANCE: Liquid **BOILING POINT:** Near 212 Degrees F **MELTING POINT:** N/A

SECTION 3

PHYSICAL & CHEMICAL CHARACTERISTICS

ODOR: pleasant

SOLUBILITY IN WATER: Complete

VAPOR DENSITY: (Air = 1)

SPECIFIC GRAVITY: (H2O = 1) 1.010 (+/- .005)

REACTIVITY IN WATER: none

VAPOR PRESSURE: mm Hg N/E

FLASH POINT: None to Boiling

METHOD USED:

AUTO IGNITION TEMP: N/A

SECTION 4

FIRE & EXPLOSION DATA

FLAMMABLE LIMITS IN AIR % BY VOLUME: LEL (lower): N/E

UEL(upper): N/E

EXTINGUISHER MEDIA: CO2, dry chemical, foam, water spray

UNUSUAL FIRE & EXPLOSION HAZARDS: None Known

SPECIAL FIRE FIGHTING PROCEDURES: Wear SCBA (Self contained breathing apparatus) and full protective clothing.

STABILITY: Unstable___

Stable X

CONDITIONS TO AVOID:

SECTION 5

PHYSICAL HAZARDS (REACTIVITY DATA)

INCOMPATIBILITY (Materials to avoid): Strong Oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: carbon monoxide and other unidentified organic gases may occur during incomplete combustion.

HAZARDOUS POLYMERIZATION: MAY OCCUR___ WILL NOT OCCUR X

CONDITIONS TO AVOID: N/A

PRODUCT IDENTIFICATION: Deuce

SECTION 6

HEALTH HAZARDS

ACUTE: Possible irritant

CHRONIC: None Expected

SYMPTOMS OF EXPOSURE:

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Unknown

CARCINOGENIC: NO

NTP: NO **IARC:** NO

OSHA: NO

ROUTES OF ENTRY:

1. **Inhalation** - Mist or fog may irritate respiratory system.
2. **Eyes** - Contact may irritate
3. **Skin** - Contact may irritate or cause redness to sensitive skin.
4. **Ingestion** - If swallowed, can cause irritation to mouth, throat, and digestive system.

EMERGENCY FIRST AID PROCEDURES: Flush eyes & skin with fresh water for 15 minute. If inhaled move to fresh air. If ingested do not induce vomiting drink large quantities of milk. SEEK MEDICAL ATTENTION.

SECTION 7

SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES

HANDLING & STORAGE PRECAUTIONS: Keep container closed when not in use. Do not mix with other chemicals. Avoid breathing vapors or mist. Keep from freezing. Do not store near open flames or heat. Do not store near incompatible materials.

OTHER PRECAUTIONS: Do not take internally. Keep out of the reach of children. Transfer material only to approved, properly labeled containers.

STEPS TO BE TAKEN IN CASE OF SPILL: Use appropriate safety equipment. Collect and contain spill with absorbent material for disposal. Contain large spills and pump in to a suitable tank for disposal. Wash area and thoroughly rinse with water.

WASTE DISPOSAL METHODS: Obey all local, state and federal regulations.

RESPIRATORY PROTECTION: none required under normal condition

SECTION 8

SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

VENTILATION: Normal

LOCAL EXHAUST: none

MECH: None

SPECIAL: None

OTHER: None

PROTECTIVE GLOVES: N/A

EYE PROTECTION: Chemical safety goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Rubber boots, water proof clothing.

The information in this MSDS was obtained from sources which we believe to be reliable. However, the information is provided without any warranty, express or implied. We do not assume responsibility and expressly disclaim liability for loss, damage or expense rising out of, or in any way connected with the handling, storage, use or

DISCLAIMER OF LIABILITY

disposal of the product. This MSDS may not be applicable if the product is used as a component of another product.

EQUIPMENT TRADE SERVICE COMPANY, INC.

20 E. Winona Ave.
Norwood, PA 19074
(610) 583-7657

12/97