



U.S. Material Safety Data Sheet
European Safety Data Sheet

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| MSDS Number: 56 Rev. A | Date: August 16, 2001 |
| Product: ScanTrue™ Head Maintenance Spray | Page 1 of 4 |

PRINTED: June 25, 2003

Section 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Identifier: ScanTrue™ Head Maintenance Spray..
Manufacturer: TRIDENT INC.
1114 Federal Road
Brookfield, CT 06804-1140

Telephone: +1 203-740-9333 Fax: +1 203-740-3527
EMERGENCY: Call CHEMTREC United States 1-800-424-9300/International +1-703-527-3887

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

DESCRIPTION: oily colorless liquid with mild ether odor.

| COMPONENT | CAS# | %[wt/wt] | OSHA PEL | NIOSH REL | ACGIH TLV | Symbol | R-Phrase |
|------------------|----------|----------|----------|-----------|-----------|--------|-----------|
| Dibutyl Sebacate | 109-43-3 | | 100 | N.E.* | N.E. | N.E. | None None |

* NE Not Established

Section 3: Potential health effects. Section 11: available toxicity information. Section 15: Regulatory information.

Section 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This product is not considered hazardous based on OSHA criteria.
HAZARD RATING: NFPA Health: 1 Flammability: 1 Reactivity: 0
POTENTIAL HEALTH AFFECTS:
EYE CONTACT: Direct contact may cause irritation.
SKIN CONTACT: May produce skin irritation
INGESTION: Low hazard exists for commercial/ industrial handling. May cause gastrointestinal irritation with nausea, vomiting, and diarrhea.
INHALATION: Based on experience no effects are expected. Avoid fumes from heated product.
CHRONIC: This product is not on the International Agency for Research on Cancer (IARC), National Toxicological Program, or OSHA lists of carcinogens or potential carcinogens.

Section 4: EMERGENCY AND FIRST AID MEASURES

EYE CONTACT: Wash with clean cool water for 20 min lifting lids frequently to ensure thorough rinsing. Remove contact lenses if present. If pain, blinking, tears or redness persist, seek medical attention.
SKIN CONTACT: Remove contaminated clothing. Wash skin thoroughly with soap and water. Rinse with lukewarm water for 15 min.
INGESTION: Never give anything orally to a person who is losing consciousness, unconscious, or convulsing. (For large quantity) If patient conscious and alert, give two glasses of lukewarm water. Do not induce vomiting, the risk to lungs exceeds the poisoning risk. Obtain emergency medical attention.
INHALATION: Not expected to present an inhalation hazard under normal operating conditions. If problems occur, remove to fresh air. For difficulty breathing, give oxygen. If non-breathing, administer CPR (Cardio-Pulmonary Resuscitation).
In any case of persistent irritation, seek medical advice.

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|---|-----------------------|
| MSDS Number:56 Rev. A | Date: August 16, 2001 |
| Product: ScanTrue™ Head Maintenance Spray | Page 2 of 4 |

SECTION 5: FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: >380°F [>194°C] Cleveland Open Cup
 FLAMMABLE LIMITS: N.A.
 AUTOIGNITION TEMPERATURE: N.A.
 EXTINGUISHING MEDIA: Dry chemical, CO₂, water spray, water fog, foam.
 SPECIAL FIRE FIGHTING PROCEDURES: Do not enter fire area without proper protection. Fight fire from safe distance/protected location. Notify authorities if liquid enters sewer/public waterway. Use water spray or fog for cooling. Avoid frothing and steam explosion.
 UNUSUAL FIRE & EXPLOSION HAZARDS: None known.
 HAZARDOUS DECOMPOSITION PRODUCTS: CO and CO₂

SECTION 6: ACCIDENTAL RELEASE MEASURES

GENERAL: Evacuate the area. Make sure responders wear proper protective equipment. Prevent flow to sewers and public waterways. Notify proper authorities
 SPILL: Collect spill with absorbent material. Dispose of in accordance with local, State, Federal, and International regulations.

SECTION 7: HANDLING AND STORAGE

Store only in closed containers in cool and dry conditions. Use appropriate personal protective equipment and wash thoroughly after handling.

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

| | | |
|------------------|----------|-----------|
| EXPOSURE LIMITS: | OSHA PEL | ACGIH TLV |
| Dibutyl Sebacate | NE | NE |

ENGINEERING CONTROLS (ventilation): Use adequate ventilation to keep airborne concentrations low.
 PERSONAL PROTECTION:
 RESPIRATORY: No special respiratory protection needed for normal use.
 PROTECTIVE GLOVES: Depending on conditions of use, protective gloves, apron, boots, head, and face protection should be worn and cleaned between uses.
 EYE PROTECTION: Safety glasses, goggles or a face shield should be used.
 OTHER: Eye wash and safety showers should be available nearby.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

| | | | |
|------------------------|--|--------------------|--------------------------------|
| APPEARANCE: | oily colorless liquid with mild ether odor.. | | |
| Molecular Formula | C ₁₈ H ₃₄ O ₄ | FLASHPOINT: | >380°F [>194°C] COC |
| Molecular Weight | 314.47 g/mol. | FLAMMABLE LIMITS: | N.A. |
| VISCOSITY: | 4.3 cps @ 25(C approx. | EVAPORATION RATE: | approx 0 (n-butyl acetate = 1) |
| VAPOR PRESSURE: | <0.001mm Hg @20° C | VAPOR DENSITY: | N. A. |
| SPECIFIC GRAVITY: | 0.94 approx. at 20° C. | BOILING POINT: | 344.50C |
| PERCENT VOLATILES: | 0 % by wt | SOLUBILITY: | Generally insoluble in water |
| FREEZING PT. | 14°F[-10°C] | AUTOIGNITION DATA: | Not Available. |
| COC Cleveland Open Cup | | | |

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| MSDS Number:56 Rev. A | Date: August 16, 2001 |
| Product: ScanTrue™ Head Maintenance Spray | PAGE 3 Of 4 |

SECTION 10: STABILITY & REACTIVITY

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| STABILITY: | Stable |
| HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: | Will not occur |
| INCOMPATIBILITY: | This product is not reactive with water |
| HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: | None Known. |
| | CO, CO ₂ |

SECTION 11: TOXICOLOGICAL INFORMATION

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| ACUTE TOXICITY: | LD50 (oral, rat) 16 g/kg. |
| | LC50 (Inhalation, rat) >5.4 g/m3/4-hr. |
| SUBCHRONIC EFFECTS: | Dietary studies in rats at 0.25, 1.25, and 6.25%, showed no weight, hematological, or bone marrow changes. Isolated inflammation in lungs, some nephrosis and fatty livers at highest doses. |
| CHRONIC EFFECTS/CARCINOGENICITY: | |
| COMPONENTS Not LISTED AS CARCINOGEN BY REGULATORY AGENCIES: | |
| | OSHA: NONE LISTED |
| | IARC: NONE LISTED |
| | NTP: NONE LISTED. |
| MUTAGENICITY: | None known. |
| REPRODUCTIVE EFFECTS: | None known. |

SECTION 12: ECOLOGICAL INFORMATION

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|-------------------------------|-------------------|
| ECOTOXICOLOGICAL INFORMATION: | No data available |
| CHEMICAL FATE INFORMATION: | No data available |

SECTION 13: DISPOSAL CONSIDERATIONS

Contaminated materials should be evaluated or profiled for treatment or disposal options. Treatment or disposal should be undertaken in accordance with Federal, State, and local laws and regulations..

SECTION 14: TRANSPORT INFORMATION

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|-------------------|---------------|
| GROUND TRANSPORT: | not regulated |
| AIR TRANSPORT: | not regulated |
| OCEAN TRANSPORT: | not regulated |

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|---|-----------------------|
| MSDS Number:56 Rev. A | Date: August 16, 2001 |
| Product: ScanTrue™ Head Maintenance Spray | Page 4 of 4 |

SECTION 15: REGULATORY INFORMATION(Not meant to be all inclusive)

UNITED STATES

This product does not contain any ozone depleting substances (ODS), nor were any ozone depleting substances used in the manufacture of this product.

This product was not tested for heavy metals covered under the various CONEG laws. However, raw materials used to make this product do not contain mercury, lead, cadmium, or hexavalent chromium, and none are added during manufacture.

TSCA (Toxic Substances Control Act): This material is listed on the TSCA inventory

OSHA (Occupational Safety and Health Act): Non hazardous.

SARA(Superfund Amendments and Reauthorization Act) Title III 1986

Section 311 & 312 :

Chemicals present in this product which require emergency planning based on TPG (Threshold Planning Quantities) and RQs (Reportable Quantities):

-----None

CAAA - None of the components in this product are regulated under the Clean Air Act of 1990.

STATE REGULATIONS:

California Proposition 65: Components present in this product known by the state of California to cause birth defects or other reproductive harm:

-----None.

California SCMQAD: It is estimated that approx. 100% of this mixture is volatile organic compounds.

Massachusetts 105CMR670 Right to Know (MSL): The components present that may require reporting under this statute are:

----- none.

Pennsylvania Right to Know Hazardous Substance list: Components of this product that could require reporting are:

-----none

New Jersey Registration not listed

CANADA

DSL (Domestic Substance List):

All components are on the DSL.

WHMIS Classification:

This is not a controlled product.

SECTION 15: REGULATORY INFORMATION (Cont.)

EUROPEAN UNION

EINECS Status:

This product is Listed No. 203-672-5

CLASSIFICATION:

This product does not need to be classified based on criteria found in EU Directive 67/548.

SECTION 16: OTHER INFORMATION.

REVISION SUMMARY:

The information and recommendations contained in this document are based on data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to this information.

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