

Material Safety Data Sheet

Revision Date: 05/03/2007
Z11000000496/Version: 1.0
Print Date: 11/11/2010
Page: 1/5

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: KAD 10-3046, CESD-2578TL

Catalog Number(s): 198 3857

Supplier: Carestream Health, Inc., 150 Verona Street, Rochester, New York, 14608

For Emergency Health Information call, (800) 424-9300

For other information contact 800-328-2910.

Synonym(s): KAN 471346; PTN 2578TL; PTN 1C8016; F-0354.000

2. COMPOSITION/INFORMATION ON INGREDIENTS

Weight % - Component - (CAS Registry No.)

> 99	Polyisobutylene in petroleum lubricating oil (not available)
< 1	Orasol red-B (not available)

3. HAZARDS IDENTIFICATION

EXPECTED TO BE A LOW HEALTH HAZARD FOR RECOMMENDED HANDLING

HMIS Hazard Ratings:

Health - 0, Flammability - 1, Reactivity - 0, Personal Protection - B

NFPA Hazard Ratings:

Health - 1, Flammability - 1, Reactivity (Stability) - 0

NOTE: HMIS and NFPA hazard indexes involve data review and interpretation that may vary among companies. They are intended only for rapid, general identification of the magnitude of the potential hazards. The personal protection index is only intended for general guidance on personal protection equipment (PPE) that is suitable for the potential hazards of the material. PPE (e.g., respirators) may not be needed if engineering controls (e.g., local ventilation) are adequate. An asterisk (*), in the HMIS health field, designates potential chronic or target organ hazards. To adequately address safe handling, ALL information in this MSDS must be considered.

4. FIRST-AID MEASURES

Inhalation: If symptomatic, move to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

Eyes: Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur.

Skin: Wash with soap and water. Get medical attention if symptoms occur.

Ingestion: Do NOT induce vomiting. Give victim a glass of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Material Safety Data Sheet

Revision Date: 05/03/2007
Z11000000496/Version: 1.0
Print Date: 11/11/2010
Page: 2/5

5. FIRE FIGHTING MEASURES

Extinguishing Media: Water spray, dry chemical, carbon dioxide (CO₂), foam.

Special Protective Equipment for Fire-Fighters: Wear self-contained breathing apparatus and protective clothing.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide

Unusual Fire and Explosion Hazards: None

6. ACCIDENTAL RELEASE MEASURES

Caution: Contaminated surfaces may be slippery.

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

7. HANDLING AND STORAGE

Personal Precautionary Measures: Avoid contact with eyes and prolonged or repeated contact with skin. Use with adequate ventilation. Wash thoroughly after handling.

Prevention of Fire and Explosion: Keep from contact with oxidizing materials.

Storage: Keep container closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

ACGIH Threshold Limit Value (TLV):

Orasol red-B:

Chromium (III) compounds as Cr: 0.5 mg/m³ TWA

OSHA (USA) Permissible Exposure Limit (PEL - 1971 Table Z-1 Values):

Orasol red-B:

Chromium (III) compounds as Cr: 0.5 mg/m³ TWA

Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions.

Respiratory Protection: None should be needed.

Eye Protection: It is a good industrial hygiene practice to minimize eye contact. Wear safety glasses with side shields (or goggles).

Skin Protection: It is a good industrial hygiene practice to minimize skin contact. For operations where prolonged or repeated skin contact may occur,

Material Safety Data Sheet

Revision Date: 05/03/2007
Z11000000496/Version: 1.0
Print Date: 11/11/2010
Page: 3/5

impervious gloves should be worn.

Recommended Decontamination Facilities: Eye bath, washing facilities, safety shower

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Liquid
Color: Red
Odor: Slight
Specific Gravity (water = 1): 0.86
Vapor Pressure: Negligible
Vapor Density (Air = 1): > 12
Volatile Fraction by Weight: 95-100 %
Boiling Point: >100°C (>212°F)
Solubility in Water: Negligible
pH: Not available
Flash Point (estimated): >93°C (>200°F)

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: Strong oxidizing agents

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Effects of Exposure:

General:

Contains Orasol red-B. This is a trivalent chromium compound. Expected to be a low hazard based on data supplied by an outside vendor.

Contains Polyisobutylene. Expected to be a low hazard based on the toxicological properties of structurally similar compounds.

Inhalation: Expected to be a low hazard for recommended handling.

Eyes: No specific hazard known. May cause transient irritation.

Skin: Expected to be a low hazard for recommended handling. May cause allergic skin reaction based on structural similarity to known human or animal sensitizers.

Ingestion: If aspirated into lungs during swallowing or vomiting, it may cause pulmonary hemorrhage, edema and possible death.

12. ECOLOGICAL INFORMATION

This material has not been tested for environmental effects.

Material Safety Data Sheet

Revision Date: 05/03/2007
Z11000000496/Version: 1.0
Print Date: 11/11/2010
Page: 4/5

13. DISPOSAL CONSIDERATIONS

Discharge, treatment, or disposal may be subject to national, state, or local laws. Incinerate.

14. TRANSPORT INFORMATION

For more transportation information, go to: <http://ship.carestreamhealth.com>.

15. REGULATORY INFORMATION

- Material(s) known to the State of California to cause cancer: None
- Material(s) known to the State of California to cause adverse reproductive effects: None
- Carcinogenicity Classification (components present at 0.1% or more):
 - International Agency for Research on Cancer (IARC): None
 - American Conference of Governmental Industrial Hygienists (ACGIH): None
 - National Toxicology Program (NTP): None
 - Occupational Safety and Health Administration (OSHA): None
- Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: None

16. OTHER INFORMATION

US/Canadian Label Statements:

EXPECTED TO BE A LOW HEALTH HAZARD FOR RECOMMENDED HANDLING

Avoid contact with eyes and prolonged or repeated contact with skin.
Use with adequate ventilation.
Wash thoroughly after handling.

FIRST AID: If swallowed, do NOT induce vomiting. Give victim a glass of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. In case of skin contact, immediately wash with soap and plenty of water. Get medical attention if symptoms occur.

Keep out of reach of children.

For additional information, see Material Safety Data Sheet (MSDS) for this material.

Additional hazard precautions for containers greater than 1 gallon of liquid or 5 pounds of solid:

IN CASE OF FIRE: Use Water, carbon dioxide (CO2), dry chemical, foam

IN CASE OF SPILL: Absorb spill with inert material, then place in a chemical waste container. Prevent runoff from entering drains, sewers, and streams. Flush residual spill or area with water. For large spills, dike for later disposal.

Material Safety Data Sheet

Revision Date: 05/03/2007
Z11000000496/Version: 1.0
Print Date: 11/11/2010
Page: 5/5

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.

R-1, S-1, F-1, C-0