

Material Safety Data Sheet

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Reaction fluid

Chemical Synonyms: Combustion Leak Detector Fluid

Company:

KS TOOLS Werkzeuge-Maschinen GmbH

Seligenstädter Grund 10-12

63150 Heusenstamm Tel.: 06104 4974-0 Fax: 06104 4974-11 Mail: info@kstools.de

Emergency:

Giftinformationszentrale Universitätsklinikum Mainz

Tel.: 06131 19240

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazard: No Known OSHA hazards

HMIS Classification
Health Hazard: 0
Flammability: 0
Physical Hazards: 0

NFPA Rating

Health Hazard: 0 Fire: 0 Reactivity Hazard: 0

Potential Health Effects

Inhalation: No known hazards in normal industrial use. No information regarding inhalation

available.

Skin: Prolonged or repeated contact may cause skin irritation. Not expected to be skin

irritant.

Eyes: Not Known to cause permanent injury to eye tissue. Contact may cause irritation.

Ingestion No information regarding ingestion available. May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

ComponentCAS Number%WCombustion Leak Tester FluidProprietary100%

4. FIRST AID MEASURES

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Skin contact: Wash off with soap and plenty of water. **Eye contact:** Flush eyes with water as a precaution.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.



5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters:

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid dust formation. Avoid breathing vapors, mist or gas.

Environmental precautions:

Do not let product enter drains.

Methods and materials for containment and cleaning up:

Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling:

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage:

Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection:

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection:

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin and body protection:

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures:

General industrial hygiene practice.



9. PHYSICAL AND CHEMICAL PROPERTIES

Melting Point (°c): Freezes @ $\sim 0^{\circ}$

Boiling Point: >212°F

Flash Point:
Solubility in water:
Appearance & Odour:

Non-flammable
Completely soluble
Blue Liquid; No Odour

Specific Gravity (H2O = 1): ~ 1.0

10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions

Conditions to avoid:

Materials to avoid:

Hazardous decomposition products:

No data available

No data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Skin corrosion/irritation:

No data available

Serious eye damage/eye irritation:

No data available

Respiratory or skin sensitization:

No data available

Germ cell mutagenicity:

No data available

Carcinogenicity: IARC: No component of this product present at levels greater than or

equal to 0.1% is identified as probable, possible or confirmed human

carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by

ACGIH

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by

NIP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by

OSHA.

Reproductive toxicity:Aspiration hazard:
No data available
No data available

Specific target organ toxicity - single exposure (GHS): No data available Specific target organ toxicity - repeated exposure (GHS): No data available

Potential health effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.



12. ECOLOGICAL INFORMATION

Toxicity:

Persistence and degradability:
Bioaccumulation potential:
Mobility in soil:

PBT and vPvB assessment:
Other adverse effects:

No data available
No data available
No data available

13. DISPOSAL CONSIDERATIONS

Product: Offer surplus and non-recyclable solutions to a licensed disposal

company.

Contaminated packaging: Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US):Not dangerous goodsIMDG:Not dangerous goodsIATA:Not dangerous goods

15. REGULATORY INFORMATION

OSHA Hazards: No known OSHA hazards

DSL Status: All components of this product are on the Canadian DSL list.

SARA 302 Components: No chemicals in this material are subject to the reporting requirements

of SARA Title III, Section 302.

SARA 313 Components: This material does not contain any chemical components with known

CAS numbers that exceed the threshold (De Minimis) reporting levels

established by SARA Title III, Section 313.

SARA 311/312 Hazards: No SARA Hazards

Massachusetts Right to Know Components: No components are subject to the Massachusetts Right

to Know Act.

California Proposition 65 Components: This product does not contain any chemicals known to

State of California to cause cancer, birth defects, or any

other reproductive harm.

16. FURTHER INFORMATION

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