0E-SMOKETEST (Smoke Alarm Tester)

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Date of issue: 11/11/2016 Revision date: December 15, 2023

SECTION 1: Identification

1.1. Product identifier

Product name : 0E-SMOKETEST (Smoke Alarm Tester) :

Product code : Not available

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Smoke Alarm Tester

1.3. Supplier

Supplier
ADI Global Distribution 275
Broadhollow Road Suite 400
Melville, NY 11747.
Tel: 1-631-692-1000
email: adi-marcom@adiglobal.com

Canada:
ADI Global Distribution
20 Meteor Drive Toronto, ON
M9W 1A4
Tel: 1-631-692-1000
email: adi-marcom@adiglobal.com

1.4. Emergency telephone number

Emergency number : CHEMTREC 1-571-766-3957

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS-CA)

Flam. Aerosol 1 H222
Liquefied gas H280

2.2. GHS Label elements, including precautionary statements

GHS-CA labelling

Hazard pictograms (GHS-CA) :

GHS02 GHS04

Signal word (GHS-CA) : Danger

Hazard statements (GHS-CA) : H222 - Extremely flammable aerosol
H280 - Contains gas under pressure; may explode if heated

Precautionary statements (GHS-CA) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P211 - Do not spray on an open flame or other ignition source
P251 - Do not pierce or burn, even after use
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P403 - Store in a well-ventilated place

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-CA)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Isobutane	(GAS No) 75-28-5	61.74
Butane	(GAS No) 106-97-8	1.27
Propane	(GAS N°) 74-98-6	35.7

NEXREG

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a poison center or a doctor if you feel unwell.

First-aid measures after skin contact : If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists. Thaw frosted parts with lukewarm water. Do not rub affected area.

First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention. Thaw frosted parts with lukewarm water. Do not rub affected area.

First-aid measures after ingestion : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/injuries after inhalation : May cause respiratory tract irritation. Vapors may cause drowsiness and dizziness. Intentional misuse of product by inhalation can result in asphyxiation or death.

Symptoms/injuries after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause frostbite.

Symptoms/injuries after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. May cause frostbite.

Symptoms/injuries after ingestion : Not a normal route of exposure. May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Foam. Dry chemical.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Do not use carbon dioxide.

5.3. Specific hazards arising from the hazardous product

Fire hazard : Extremely flammable aerosol. Products of combustion may include, and are not limited to: oxides of carbon. Oxides of nitrogen. Oxides of sulfur.

Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Vapors may be heavier than air and may travel along the ground to a distant ignition source and flash back. Use water spray to keep fire-exposed containers cool.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.

6.2. Methods and materials for containment and cleaning up

For containment : Stop leak if safe to do so. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks).

Methods for cleaning up : Provide ventilation.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Pressurized container: Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Container may explode if heated. Use only non-sparking tools. When using do not eat, drink or smoke.

Hygiene measures : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store away from direct sunlight or other heat sources. Store in a well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Isobutane (75-28-5)		
USA - ACGIH	ACGIH STEL (ppm)	1000 ppm

Butane (106-97-8)		
USA - ACGIH	ACGIH STEL (ppm)	1000 ppm

8.2. Appropriate engineering controls

Appropriate engineering controls : Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapour, etc.) below recommended exposure limits.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear suitable gloves. Viton gloves. Heat insulating gloves.

Eye protection : Safety glasses or goggles are recommended when using product.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls : Maintain levels below Community environmental protection thresholds.

Other information : Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Aerosol

Colour : Colourless

Odour : slightly ethereal

Odour threshold : No data available

pH : No data available

pH solution : No data available

Relative evaporation rate (butylacetate=1) : No data available

Relative evaporation rate (ether=1) : > 1

Melting point : < -75 °C (< -99 °F)

Freezing point : No data available

Boiling point : -32 - 0 °C (-25 - 32 °F)

Flash point : < -75 °C (< -99 °F)

Auto-ignition temperature : > 462 °C (> 863 °F)

Decomposition temperature : No data available

Flammability (solid, gas) : Extremely flammable aerosol

Vapour pressure : 4.41 bar @ 21 °C (70 °F), 64 psig; 11.8 bar @ 54 °C (129 °F), 178 psig

Vapour pressure at 50 °C : No data available

Relative vapour density at 20 °C : 1.79 @ 21 °C (70 °F)

Relative density : 0.538 @ 21 °C (70 °F)

Relative density of saturated gas/air mixture : No data available

Density : No data available

Relative gas density : No data available

Solubility : Water: 0.008 % @ 21 °C (70 °F)

Partition coefficient n-octanol/water : 1.35

Log Kow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : < 0.6 cP @ 21 °C (70 °F)

Explosive properties	:	No data available
Oxidising properties	:	No data available
Explosive limits	:	1.9 - 8.4 vol % @ 25 °C (77 °F)

9.2. Other information

VOC content	:	< 99 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal storage conditions. Extremely flammable aerosol. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	Incompatible materials. Sources of ignition. Direct sunlight. Moisture.
Incompatible materials	:	Acids. Strong oxidizing agents.
Hazardous decomposition products	:	May include, and are not limited to: oxides of carbon. Oxides of nitrogen. Oxides of sulfur.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	Not classified.
Acute toxicity (dermal)	:	Not classified.
Acute toxicity (inhalation)	:	Not classified.

SmokeCheck 25S (Smoke Alarm Tester)	
LD50 oral rat	No data available
LD50 dermal rabbit	No data available
LC50 inhalation rat	> 5 mg/l/4h (Calculated acute toxicity estimate)

Isobutane (75-28-5)	
LC50 inhalation rat	658 mg/l/4h

Butane (106-97-8)	
LC50 inhalation rat	658 g/m³ (Exposure time: 4 h)

Skin corrosion/irritation	:	Not classified.
Serious eye damage/irritation	:	Not classified.
Respiratory or skin sensitization	:	Not classified.
Germ cell mutagenicity	:	Not classified.
Carcinogenicity	:	Not classified.
Reproductive toxicity	:	Not classified.
STOT-single exposure	:	Not classified.
STOT-repeated exposure	:	Not classified.
Aspiration hazard	:	Not classified.

SmokeCheck 25S (Smoke Alarm Tester)	
Vaporizer	Aerosol

Symptoms/injuries after inhalation	:	May cause respiratory tract irritation. Vapors may cause drowsiness and dizziness. Intentional misuse of product by inhalation can result in asphyxiation or death.
Symptoms/injuries after skin contact	:	May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause frostbite.
Symptoms/injuries after eye contact	:	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. May cause frostbite.
Symptoms/injuries after ingestion	:	Not a normal route of exposure. May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	:	May cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

SmokeCheck 25S (Smoke Alarm Tester)	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

SmokeCheck 25S (Smoke Alarm Tester)	
Partition coefficient n-octanol/water	1.35
Bioaccumulative potential	Not established.

Isobutane (75-28-5)	
BCF fish 1	1.57 - 1.97
Partition coefficient n-octanol/water	2.88 (at 20 °C)

Butane (106-97-8)	
Partition coefficient n-octanol/water	2.89

12.4. Mobility in soil

SmokeCheck 25S (Smoke Alarm Tester)	
Partition coefficient n-octanol/water	1.35

Isobutane (75-28-5)	
Partition coefficient n-octanol/water	2.88 (at 20 °C)

Butane (106-97-8)	
Partition coefficient n-octanol/water	2.89

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

Additional information : Flammable vapours may accumulate in the container.

SECTION 14: Transport information

14.1. Basic shipping description

In accordance with TDG

TDG

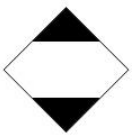
UN-No. (TDG) : UN1950

TDG Primary Hazard Classes : 2.1

Transport document description : UN1950 AEROSOLS (flammable), 2.1

Proper Shipping Name (TDG) : AEROSOLS, flammable, limited quantities

Hazard labels (TDG) :



14.2. Transport information/DOT

No additional information available

14.3. Air and sea transport

IMDG

UN-No. (IMDG) : 1950

Proper Shipping Name (IMDG) : AEROSOLS

Class (IMDG) : 2 - Gases

IATA

UN-No. (IATA) : 1950

Proper Shipping Name (IATA) : Aerosols, flammable

Class (IATA) : 2

SECTION 15: Regulatory information

15.1. National regulations

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

SECTION 16: Other information

Date of issue	:	11/11/2016
Revision date	:	12/15/2023

Indication of changes:

Other information	:	None.

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