Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier

Product Form : Mixture
Product Name : Leak Detector – XP-LEAK
Product Code : XP-LEAK
Type of Product : Aerosol

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Industrial/Professional Use Spec : Industrial
For professional use only

Use of the substance/mixture : Aerosol leak detector

1.2.2 Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

Expert Range
Old Bank, The Triangle, Poulton,
BS32 7LE Bristol – United Kingdom
T: 0044 2036 273720 – F: 0044 8727 433720
support@expertrange.co.uk – www.expertrange.co.uk

1.4 Emergency telephone number

Emergency number : 0044 2036 273720

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Irrit. 2: : H319
Pressurised Cont. : H229
Full text of H-phrases : See section 16

2.2 Label Elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) : GHS07

Signal word (CLP) : Warning

Hazard statements (CLP) : H229: Pressurised container: May burst if heated.
H319: Causes serious eye irritation.

Precautionary statements (CLP) : P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking. P280 - Wear eye protection, protective gloves
P211: Do not spray on an open flame or other ignition source.
P251: Do not pierce or burn, even after use.
P260: Do not breathe vapours.
P262: Do not get in eyes, on skin, or on clothing.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

2.3 Other Hazards

This product is not identified as a PBT/vPvB substance.

Section 3: Composition/Information on Ingredients

3.1 Substances

Not applicable

3.2 Mixture

COCONUT DIETHANOLAMIDE				
EINECS	CAS	CHIP Classification	CLP Classification	Percent
931-329-6	8051-30-7	Xi: R38; Xi: R41	Skin Irrit. 2: H315; Eye Dam. 1: H318	1 – 10%

SODIUM NITRITE				
EINECS	CAS	CHIP Classification	CLP Classification	Percent
231-555-9	7632-00-0	O: R8; T: R25; N: R50	Ox. Sol. 3: H272; Acute Tox. 3: H301; Aquatic Acute 1: H400	<1%

AMMONIA SOLUTION				
EINECS	CAS	CHIP Classification	CLP Classification	Percent
215-647-6	1336-21-6	C: R34; N: R50	Skin Corr. 1B: H314; Aquatic Acute 1: H400	<1%

Full text of R- and H-phrases: see section 16

Section 4: First Aid Measures

4.1 Description of first aid measures

Skin contact : Wash immediately with plenty of soap and water.

Eye contact : Bathe the eye with running water for 15 minutes.

Ingestion : Wash out mouth with water.

Inhalation : Move to fresh air in case of accidental inhalation of vapours.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact : There may be mild irritation at the site of contact.

Eye contact : There may be irritation and redness.

Ingestion : There may be irritation of the throat.

Inhalation : There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects : Immediate effects can be expected after short-term exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate/special treatment : Not applicable.

Section 5: Firefighting Measures

5.1 Extinguishing media

Extinguishing media : Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards : In combustion emits toxic fumes. Aerosol cans may explode during a fire, giving a high-speed projectile.

5.3 Advice for firefighters

Firefighting instructions : Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Refer to section 8 of SDS for personal protection details. Cover leaking can until the discharge has stopped, before attempting clean-up operations.

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and material for containment and cleaning up

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the ground with an appropriate self-emulsifying solvent.

6.4 Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

Section 7: Handling and Storage

7.1 Precautions for safe handling

Precautions for safe handling : Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a cool, well ventilated area. Keep away from sources of ignition. Keep away from direct sunlight.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

No data available.

8.2. Exposure controls

Engineering measures	: Ensure there is sufficient ventilation of the area.
Respiratory protection	: Respiratory protection not required.
Hand protection	: Protective gloves.
Eye protection	: Safety glasses. Ensure eye bath is to hand.
Skin protection	: Protective clothing.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state	: Aerosol.
Colour	: Colourless.
Odour	: Characteristic.
Evaporation rate	: Slow
Solubility in water	: Highly soluble
Viscosity	: Viscous
Boiling point/range	: 100°C
pH	: 8.5 - 9.5

9.2. Other information

No additional information available.

SECTION 10: Stability and Reactivity

10.1. Reactivity

Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Heat. Direct sunlight. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

In combustion emits toxic fumes.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

COCONUT DIETHANOLAMIDE	
LD50 dermal rabbit	> 2000 mg/kg bodyweight
LD50 oral rat	5000 mg/kg

SODIUM NITRITE	
LD50 oral mouse	175 mg/kg
LD50 oral rat	180 mg/kg
LD50 SCU rat	99600 µg/kg

AMMONIA SOLUTION...100%	
LD50 IVN mouse	91 mg/kg
LD50 oral rat	350 mg/kg
LDLO SCU mouse	160 mg/kg

Toxicity values : No data available

Skin contact : There may be mild irritation at the site of contact.

Eye contact : There may be irritation and redness.

Ingestion : There may be irritation of the throat.

Inhalation : There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects : Immediate effects can be expected after short-term exposure.

SECTION 12: Ecological Information

12.1. Toxicity

COCONUT DIETHANOLAMIDE	
FISH 96H LC50	2.4 mg/l

12.2. Persistence and degradability

Biodegradable. The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

No bioaccumulation potential.

12.4. Mobility in soil

Readily absorbed into soil. Volatile. Soluble in water.

12.5. Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Negligible ecotoxicity.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Disposal operations : Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging : Dispose of as normal industrial waste. Empty cans must not be burned because of explosion hazard.

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport Information

In accordance with ADR / RID / IMDG / IATA

14.1. UN number

UN Number : UN1950

14.2. UN proper shipping name

Proper Shipping Name : Aerosols

14.3. Transport hazard class(es)

Transport hazard class : 2

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

Special precautions : No special precautions.

Tunnel code : E

Transport category : 3

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other Information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

IMPORTANT NOTE: Risk phases in this section below relate to the INDIVIDUAL COMPONENTS in the formulation when used at their FULL CONCENTRATIONS, and not at the reduced levels in the mixed product.

See sections 2 and 3 for the calculated hazard and risk phrases for the blended product.

Phrases used in s.2 and s.3:
H229: Pressurised container: May burst if heated
H272: May intensify fire; oxidiser.
H301: Toxic if swallowed.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H400: Very toxic to aquatic life.
R8: Contact with combustible material may cause fire.
R25: Toxic if swallowed.
R34: Causes burns.
R38: Irritating to skin.
R41: Risk of serious damage to eyes.
R50: Very toxic to aquatic organisms.

Other information : None.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product. For professional and industrial use only.