1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Trade Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCORPION.</td>
<td>SCORP 1000-XXX (XXX denotes customer variant),</td>
</tr>
<tr>
<td></td>
<td>Head unit for Point Detectors</td>
</tr>
<tr>
<td></td>
<td>SCORP 2000-XXX (XXX denotes customer variant),</td>
</tr>
<tr>
<td></td>
<td>Head unit for ASD Systems</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>EINECS No.</th>
<th>REACH Registration No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8042-47-5</td>
<td>232-455-8</td>
<td>01-2119487078-27-0000</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Identified use(s)</th>
<th>Uses advised against</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smoke generator.</td>
<td>None known.</td>
</tr>
</tbody>
</table>

1.3 Details of the supplier of the Safety Data Sheet

<table>
<thead>
<tr>
<th>Company Identification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detectortesters (No Climb Products Ltd)</td>
</tr>
<tr>
<td>Edison House</td>
</tr>
<tr>
<td>163 Dixons Hill Road</td>
</tr>
<tr>
<td>Welham Green</td>
</tr>
<tr>
<td>Hertfordshire, AL9 7JE.</td>
</tr>
<tr>
<td>United Kingdom</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Telephone</th>
<th>Fax</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>+44 (0) 1707 282760</td>
<td>+44 (0) 1707 282777</td>
<td><a href="mailto:SDS@detectortesters.com">SDS@detectortesters.com</a></td>
</tr>
</tbody>
</table>

1.4 Emergency telephone number

<table>
<thead>
<tr>
<th>Emergency Phone No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>+44 (0) 1707 282760</td>
</tr>
</tbody>
</table>

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture


2.2 Label elements

<table>
<thead>
<tr>
<th>Hazard pictogram(s)</th>
<th>Signal word(s)</th>
<th>Hazard statement(s)</th>
<th>Precautionary statement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None.</td>
<td>None.</td>
<td>None.</td>
<td>None.</td>
</tr>
</tbody>
</table>

2.3 Other hazards

None.

2.4 Additional Information

A highly refined mineral oil contains < 3% (w/w) DMSO.
3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
EC Classification No. 1272/2008

<table>
<thead>
<tr>
<th>Hazardous ingredient(s)</th>
<th>%W/W</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration No.</th>
<th>Hazard pictogram(s) and Hazard statement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>White mineral oil</td>
<td>~ 99.9</td>
<td>8042-47-5</td>
<td>232-455-8</td>
<td>01-2119487078-27-0000</td>
<td>None</td>
</tr>
</tbody>
</table>

3.2 Additional Information
None.

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures
- Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Skin Contact: Wash with plenty of soap and water.
- Eye Contact: Flush eyes with water for at least 15 minutes.
- Ingestion: Wash mouth with water. Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed
Oil acne/folliculitis signs and symptoms may include formation of black pustules and spots on the skin of exposed areas. Ingestion may result in nausea, vomiting and/or diarrhoea.

4.3 Indication of any immediate medical attention and special treatment needed
Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media
- Suitable Extinguishing Media: Extinguish preferably with foam, carbon dioxide or dry chemical.
- Unsuitable Extinguishing Media: Do not use water.

5.2 Special hazards arising from the substance or mixture
- May decompose in a fire giving off toxic fumes. Carbon monoxide, Unidentified organic, Inorganic compounds.

5.3 Advice for fire-fighters
- Fire fighters should wear complete protective clothing including self-contained breathing apparatus. (EN469)

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
- Avoid contact with skin and eyes.

6.2 Environmental precautions
- Prevent entry into drains.

6.3 Methods and material for containment and cleaning up
- Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal or recovery.

6.4 Reference to other sections
- See Also Section: 8, 13.

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
- No special measures are required.

7.2 Conditions for safe storage, including any incompatibilities
- Storage Temperature: Ambient
- Storage Life: Stable under normal conditions.
- Incompatible materials: Strong oxidising agents.
7.3 Specific end use(s)  Smoke generator.

8. SECTION 8: EXPOSURE CONTROLS/PERSOMAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>LTEL (8 hr TWA ppm)</th>
<th>LTEL (8 hr TWA mg/m³)</th>
<th>STEL (ppm)</th>
<th>STEL (mg/m³)</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>None assigned</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8.1.2 Biological limit value  Not established.

8.1.3 PNECs and DNELs  Not established.

8.2 Exposure controls

8.2.1 Appropriate engineering controls  Provide adequate ventilation.

8.2.2 Personal protection equipment

Eye/face protection  Not normally required.  If eye contact is likely: Wear eye/face protection.

Skin protection (Hand protection/ Other)  Wear suitable gloves if prolonged skin contact is likely.

Respiratory protection  No personal respiratory protective equipment normally required.

Thermal hazards  Not applicable.

8.2.3 Environmental Exposure Controls  Do not release large quantities into the surface water or into drains.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance  Liquid.
Colour  Colourless.
Odour  Slight hydrocarbon.
Odour Threshold  Not applicable.
pH  Not applicable.
Melting Point/Freezing Point  Not applicable.
Initial boiling point and boiling range  > 280°C/ 536°F
Flash Point  200°C/ 392°F (COC)
Evaporation rate  Not applicable.
Flammability (solid, gas)  Non-flammable.
Upper/lower flammability or explosive limits  1-10% (V) (Mineral oil)
Vapour pressure  < 0.5 Pa @ 20°C/ 68°F
Density  856 kg/m³ @ 15°C/ 59°F
Vapour Density (Air=1)  > 1
Relative density  0.856 @ 15°C
Solubility (Water)  Negligible.
Partition coefficient: n-octanol/water  log P > 6
Auto-ignition temperature  > 320°C/ 608°F
Decomposition Temperature: Not applicable.
Dynamic viscosity: Not applicable.
Kinematic Viscosity: 22 mm²/s @ 40°C/104°F
Explosive properties: Not explosive.
Oxidising properties: Not oxidising.

9.2 Other information
Volatile Organic Compounds: 0%
Pour Point (°C): -15°C/5°F

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Stable under normal conditions.
10.2 Chemical stability: Stable under normal conditions.
10.3 Possibility of hazardous reactions: Stable under normal conditions.
10.4 Conditions to avoid: Heat and direct sunlight.
10.5 Incompatible materials: Strong oxidising agents.
10.6 Hazardous Decomposition Product(s): Carbon monoxide.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Substances
Acute toxicity: Low acute toxicity.
Oral: LD₅₀ (rat) >5000mg/kg
Inhalation: LC₅₀ (rat) (4 hour(s)) >5mg/l
Dermal: LD₅₀ (rabbit) >2000mg/kg

Skin corrosion/irritation: Non-irritant.
Serious eye damage/irritation: Not classified.
Respiratory or skin sensitisation: It is not a skin sensitizer.
Germ cell mutagenicity: There is no evidence of mutagenic potential.
Carcinogenicity: No evidence of carcinogenicity.
Reproductive toxicity: Not classified.
STOT-single exposure: None anticipated.
STOT-repeated exposure: None anticipated.
Aspiration hazard: Not classified.

11.2 Other information: None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity: Low toxicity to aquatic organisms.
Fish: LL₅₀ (Rainbow trout) (96 hour) >1000mg/l
Aquatic invertebrates: LL₅₀ (Daphnia magna) (48 hour) >100mg/l

12.2 Persistence and degradability: Biodegradable.

12.3 Bioaccumulative potential: The substance has potential for bioaccumulation.

12.4 Mobility in soil: Floats on water. The substance is predicted to have low mobility in soil.

12.5 Results of PBT and vPvB assessment: Not classified as PBT or vPvB.

12.6 Other adverse effects: None.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: Waste material: Recover or recycle if possible.
Packaging waste: Consult an accredited waste disposal contractor or the local authority for advice.

13.2 Additional Information: Disposal should be in accordance with local, state or national legislation.
Waste code (Europe): 13 08 99, 15 01 10
14. SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous for transport.

14.1 UN number
Not applicable.

14.2 UN Proper Shipping Name
Not applicable.

14.3 Transport hazard class(es)/Division
Not applicable.

14.4 Packing Group
Not applicable.

14.5 Environmental hazards
Not applicable.

14.6 Special precautions for user
Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

15. SECTION 15: REGULATORY INFORMATION

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

15.1.1 EU regulations
Authorisations and/or restrictions on use Candidate List of Substances of Very High Concern for Authorisation
Not listed.

REACH: ANNEX XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not listed.

REACH: ANNEX XIV List of substances subject to authorisation
Not listed.

Community Rolling Action Plan (CoRAP); Draft 26/03/2014
Not listed.

15.1.2 National regulations
None known.

15.2 Chemical Safety Assessment
Available.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LTEL</td>
<td>Long Term Exposure Limit</td>
</tr>
<tr>
<td>STEL</td>
<td>Short Term Exposure Limit</td>
</tr>
<tr>
<td>DNEL</td>
<td>Derived No Effect Level</td>
</tr>
<tr>
<td>PNEC</td>
<td>Predicted No Effect Concentration</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>vPvB</td>
<td>very Persistent and very Bioaccumulative</td>
</tr>
</tbody>
</table>

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Annex to the extended Safety Data Sheet (eSDS)

No information available.