

COSHH Assessment (Single substance) Record

*This assessment format is intended for TSU use (or equivalent), for pesticides and proprietary products in routine applications.
It should not be used for mixtures of substances or experimental application methods.*

Centre & Location: Plant Health, Forestry Commission, Edinburgh

Assessment Local Ref. No: PH 002

The substance:

Product name **Cleankill Sanitising Spray**

Supplier: Rose Hygiene Ltd
Fen Farm, Hollow Lane,
Washbrook,
Ipswich,
Suffolk IP8 3HE

Active ingredients Alkyl Dimethyl Benzyl Ammonium Chloride
Amine Oxide
Didecyl Dimethyl Ammonium Chloride
Chlorhexidine Digluconate

Physical form: **Liquid**

Application method: **Handheld trigger applicator**

Hazard category: **Not considered a dangerous substance**

Exposure threshold, if any: **none**

Hazard rating: **Irritant (mild irritant to eyes)**

The substance is a known or suspected: **No known genetic or sensitisation effects**

Other known health effects: **None**

Adverse effects are likely to be caused by:

- 1. Ingestion**
- 2. Inhalation**
- 3. Contact with skin**
- 4. Contact with eyes**

Brief Description of Work:

Cleankill Sanitising Spray is to be used to disinfect footwear, tools and vehicle/machinery wheels and tyres. It is used as a known disinfectant against *Phytophthora* spp.

Boots to be cleaned of mud and organic material and sprayed with neat Cleankill Sanitising Spray to cover sole and lower boot.

Cleankill Sanitising Spray is supplied by the manufacturer in 0.5 litre ready to use spray bottles.

If decanting into larger volume spray applicators for application to wheels and tyres of vehicles or harvesting machinery then should be carried out in a suitable dry area away from standing water or watercourses.

Storage: *Keep away from food, drink and animal feeding stuffs. Store in closed original container at temperatures between 0 and 30 degrees Celsius.*

Transport: *No restrictions on transport*

Risk of exposure:

There is minimal (or no) risk to environment or other people due to the low volumes issued.

Risk class: **Low**

Control Measures:

Irritant:

Use protective gloves only if prolonged contact times are expected i.e. Dealing with large spills.

Wash hands if prolonged contact times with the product are encountered.

Wear appropriate clothing if dealing with large spills.

Goggles/face shield are recommended if there is a splash hazard

First Aid Measures:

Swallowed: Seek immediate medical advice if large volumes ingested. Immediately rinse mouth and drink water or preferably milk.

In contact with Skin: For large spills only, remove contaminated clothing and flush area with copious water. The product under normal circumstance is harmless to skin. If irritation develops or persists seek immediate medical advice.

In contact with Eyes: Flush eyes with copious running water for at least 15 minutes whilst holding eyelids open. Seek immediate advice.

Breathed in: None under normal circumstances, no treatment therefore required.

Information, Instruction and Training:

Read the product label,

Implementation of the above controls will be checked and recorded by

Name:

Inspection/examination and testing of the following controls is required:

None – low risk assume staff will advise of any issues

Monitoring Exposure

Does exposure need to be monitored **No**

Is medical surveillance required? **No**

Assessment Review Date: 6 months

Assessment Approval:

I am satisfied that the above assessment is in compliance with current COSHH regulations.

Signed:

Date :

Name :..... Job :

Countersigned:

Date :

Name :..... Job :

REVIEW AND REVISION RESUMPTION (max 2-year intervals)		
DATE REVIEWED	ANY REVISIONS / COMMENTS?	OWNER NAME & SIGNATURE

SAFETY DATA SHEET
CLEANKILL SANITISING SPRAY

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME **CLEANKILL SANITISING SPRAY**
SUPPLIER Clinimax Limited
 Shepherds Grove West
 Stanton
 Bury St Edmunds
 Suffolk IP31 2AR
 Tel 01359 252181

2 COMPOSITION/INFORMATION ON INGREDIENTS

Composition: A Water based hand Scrub with Alkyl Dimethyl Benzyl Ammonium Chloride, Didecyl Dimethyl Ammonium Chloride and Chlorhexidine Digluconate as the the Bactericides.

Name	EC No.	CAS-No.	Content	Classification
Alkyl Dimethyl Benzyl Ammonium Chloride		68391-01-5	> 5%	R22, R36
Amine Oxide		1643-20-5	< 5%	R22, R36
Didecyl Dimethyl Ammonium Chloride		7173-51-5	< 5 %	R22, R36
Chlorhexidine Digluconate		18472-51-0	< 2%	R22, R36

3 HAZARDS IDENTIFICATION

Irritating to eyes.

CLASSIFICATION R22, R36

4 FIRST-AID MEASURES

GENERAL INFORMATION

INHALATION

None under normal circumstances, no Treatment therefore required.

INGESTION

Get medical attention immediately if large quantities ingested! Immediately rinse mouth and drink water or preferably milk.

SKIN CONTACT

For large spills only , remove contaminated clothes and rinse skin thoroughly with water. This product under normal conditions is harmless to skin.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Clinimax **CLEANKILL SPRAY** Is non-flammable. Use extinguishing agent appropriate to the nature of the fire.

PROTECTIVE MEASURES IN FIRE

Clinimax **CLEANKILL SPRAY** may release hazardous gases if subjected to extreme heat so wear self contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

REVISION DATE: 25/04/2006

CLEANKILL SANITISING SPRAY

SPILL CLEAN UP METHODS

Wear the necessary protective equipment. Absorb using sand or sawdust, sweep into closed container. Prevent discharge of larger quantities to drain. Rinse effected area with water.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Avoid contact with eyes. Do not mix with other chemicals.

STORAGE PRECAUTIONS

Keep away from food, drink and animal feeding stuffs. Store in closed original container at temperatures between 0°C and 30°C.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



RESPIRATORY EQUIPMENT

Inhalation of the product is unlikely under normal usage conditions.

HAND PROTECTION

Wear protective gloves only if prolonged contact times are expected i.e. Dealing with large spills.

EYE PROTECTION

Goggles/face shield are recommended, if there is a splash hazard

OTHER PROTECTION

Wear appropriate clothing if dealing with large spills.

HYGIENE MEASURES

Wash hands if prolonged contact times with the product are encountered.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid.
COLOUR	Clear .
ODOUR	Lemon
SOLUBILITY	Miscible with water
pH-VALUE,	7.0 – 8.5

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

For external use only. Do not use near eyes.

MATERIALS TO AVOID

Do not mix with other chemicals.

11 TOXICOLOGICAL INFORMATION

INHALATION

Not determined.

INGESTION

Not determined.

SKIN CONTACT

Not determined.

EYE CONTACT

Not determined.

12 ECOLOGICAL INFORMATION

REVISION DATE: 25/04/2006

CLEANKILL SANITISING SPRAY

ECOTOXICITY

The product is considered to be non- hazardous.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL	Not considered a dangerous good		
UK ROAD CLASS	Not assigned.		
UN NO. ROAD	Not assigned.	UK ROAD PACK GR.	Not assigned.
		ADR CLASS	Not assigned.
RID CLASS NO.	Not assigned.	ADR LABEL NO.	Not assigned.
UN NO. SEA	Not assigned.	RID PACK GROUP	Not assigned.
		IMDG CLASS	Not assigned.
MARINE POLLUTANT	No.	IMDG PACK GR.	Not assigned.
		UN NO. AIR	Not assigned.
		AIR PACK GR.	Not assigned.

15 REGULATORY INFORMATION

LABELLING	Mild Irritant to Eyes	
CONTAINS	Alkyl Dimethyl Benzyl Ammonium Chloride Didecyl Dimethyl Ammonium Chloride Chlorhexidine Digluconate	
RISK PHRASES	R36	Irritating to eyes
SAFETY PHRASES	S25	Avoid contact with eyes.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection when dealing with large spills.

LEGISLATION:

This product must be handled in accordance with COSHH (Control of Substances Hazardous to Health) Regulations 1999.

16 OTHER INFORMATION

REVISION DATE 25/04/2006
REV. NO./REPL. SDS GENERATED 1

REVISION DATE: 25/04/2006

CLEANKILL SANITISING SPRAY

RISK PHRASES IN FULL

R22

Can be harmful if swallowed.

R36

Irritating to eyes.

COSHH Assessment (Single substance) Record

This assessment format is intended for TSU use (or equivalent), for pesticides and proprietary products in routine applications. It should not be used for mixtures of substances or experimental application methods.



Centre & Location: Plant Health, Forestry Commission, Edinburgh

Assessment Local Ref. No: PH 001

The substance:

Product name **Propellar**

Supplier: Evans Chemicals Supplies
18B Barncosse Industrial Estate
Pool, Redruth
TR15 3RX

Active ingredient (if applicable) **Propan-2-OL50-70%**

Physical form: **Liquid**

Application method: **Handheld trigger applicator**

Hazard category:

1. A substance classified as **Irritant** in Part 1A1 of the approved list in Classification, Packaging and Labelling Regs 1994.
2. A substance given a Workplace Exposure Limit (WEL) in HSE Guidance Note EH40
3. A substance uncategorised, but with comparable hazards – **Highly Flammable**

Exposure threshold, if any:

**WEL: Short term: (15 mins.):500ppm
Long Term (8hrs):400ppm**

Hazard rating: **Irritant**

The substance is a known or suspected: **No known genetic or sensitisation effects**

Other known health effects: **None**

Adverse effects are likely to be caused by:

1. **Ingestion**

2. **Inhalation**
3. **Contact with skin**
4. **Contact with eyes**
5. **Long-term exposure**

Brief Description of Work:

Propellar is to be used to disinfect footwear, tools and machinery. It is used as a known disinfectant against *Phytophthora* spp.

Boots to be cleaned of mud and organic material and sprayed with neat Propellar to cover sole and lower boot.

Propellar is supplied by the manufacturer in 1 litre ready to use spray bottles. If decanting into larger volume spray applicators for application to wheels and tyres of vehicles or harvesting machinery then should be carried out in a suitable dry area away from standing water or watercourses.

Storage

Keep in a well ventilated place

Do not keep in the chemical store

Store in secure facility as for other flammable liquids/fuels

Transport

Propellar will be carried in small quantities in vehicles.

Do not transport more than 4 bottles at a time.

The 1 litre spray bottles for travel must be kept within a flame proof sealed container.

Do not transport more than 4 bottles at a time.

Risk of exposure:

Without controls, the main risk is to operator.

These are:

1. Spray on hands
2. Mist being breathed in during application.
3. Vapour in vehicles, which may cause drowsiness or dizziness
4. Fire if exposed to source ignition (smoking)

There is minimal (or no) risk to environment or other people due to the low volumes issued.

Risk class: **Low**

Control Measures:

<p>Vapour: Remove trigger and replace with the supplied lid after use (before storage). Wipe any spillage from vehicle before travel.</p> <p>Flammable: Do not use near naked flame Do not smoke during or immediately after use Keep upright in vehicle</p> <p>Irritant: Protect skin from spray or vapour at all times - Use appropriate PPE (gloves and eye protection) Use protective gloves. (Butyl rubber. Viton rubber (fluor rubber). Polyethylene/Ethylene Vinyl Alcohol (PE/EVAL)). When using spray away from body and ensure any drift (wind) does not blow into face and body. Do not breath vapour or mist Do not use in confined area. Wash hands and face after operation. DO NOT eat or drink during operation DO NOT place substance or contaminated equipment near mouth. Ensure first aid kit contain eye wash. DO NOT wipe face with contaminated gloves.</p>

First Aid Measures:

<p>Swallowed: Seek immediate medical advice. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs naturally have victim lean forward. May aspirate into lungs which could be fatal.</p>
<p>In contact with Skin: Remove contaminated clothing and flush area with copious water. If irritation develops or persists seek immediate medical advice.</p>
<p>In contact with Eyes: Flush eyes with copious running water for at least 15 minutes whilst holding eyelids open. Seek immediate advice.</p>
<p>Breathed in: Remove victim to fresh air. If unconscious provide artificial respiration. Do not use mouth to mouth resuscitation. Seek medical advice. If breathing is difficult then medical professionals to administer oxygen.</p>

Information, Instruction and Training:

<p>Read the product label,</p>

Implementation of the above controls will be checked and recorded by

Name:

Inspection/examination and testing of the following controls is required:

None – low risk assume staff will advise of any issues

Monitoring Exposure

Does exposure need to be monitored **No**

Is medical surveillance required? **No**

Assessment Review Date: 6 months

Assessment Approval:

I am satisfied that the above assessment is in compliance with current COSHH regulations.

Signed:

Date :

Name :..... Job :

Countersigned:

Date :

Name :..... Job :

REVIEW AND REVISION RESUMPTION (max 2-year intervals)		
DATE REVIEWED	ANY REVISIONS / COMMENTS?	OWNER NAME & SIGNATURE



SAFETY DATA SHEET
(EVANS CHEMICAL SUPPLIES) IPA / WATER BLEND

Page 1
Issued: 02/03/2007
Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: (EVANS CHEMICAL SUPPLIES) IPA / WATER BLEND
Product code: HC0812
Synonyms: HC0812 / EVANS
Use / description of product: FOR PROFESSIONAL AND INDUSTRIAL USE ONLY. Solvent based cleaner.

Company name:

EVANS CHEMICAL SUPPLIES
18B Bamcoose Industrial Estate
Pool, Redruth, Cornwall TR15 3RX
Tel: 01209-213643
Fax: 01209-313800

Emergency tel: 0777 342 9963

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: PROPAN-2-OL. 50-70%
EINECS: 200-661-7 CAS: 67-63-0
[F] R11; [Xi] R36; [-] R67

3. HAZARDS IDENTIFICATION

Main hazards: Highly flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.
Other hazards: In use, may form flammable / explosive vapour-air mixture

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion: Wash out mouth with water. Consult a doctor.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

[cont...]

SAFETY DATA SHEET
(EVANS CHEMICAL SUPPLIES) IPA / WATER BLEND

5. FIRE-FIGHTING MEASURES

- Extinguishing media:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.
- Exposure hazards:** Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.
- Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.
- Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

- Handling requirements:** 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. Smoking is forbidden. Use non-sparking tools.
- Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Hazardous ingredients:** PROPAN-2-OL
WEL (8 hr exposure limit): 400 ppm WEL (15 min exposure limit): 500 ppm
- Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
- Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.
- Hand protection:** Protective gloves.
- Eye protection:** Safety glasses. Ensure eye bath is to hand.
- Skin protection:** Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
Colour: Colourless

[cont...]

SAFETY DATA SHEET
(EVANS CHEMICAL SUPPLIES) IPA / WATER BLEND

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

Risk phrases used in s.2: R11: Highly flammable.

R36: Irritating to eyes.

R67: Vapour may cause drowsiness and dizziness.

Legal disclaimer: 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.

SAFETY DATA SHEET
(EVANS CHEMICAL SUPPLIES) IPA / WATER BLEND

Odour: Alcoholic
Evaporation rate: Moderate
Oxidising: Non-oxidising (by EC criteria)
Solubility in water: Miscible in all proportions
Viscosity: Non-viscous
Boiling point/range°C: 82 - 100
Melting point/range°C: minus 40
Flammability limits %: lower: 2.5
upper: 12.7
Flash point°C: 12
Autoflammability°C: 400
Relative density: 0.850
pH: n/a

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Stable at room temperature.
Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.
Materials to avoid: Strong oxidising agents. Strong acids.
Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: PROPAN-2-OL
IVN RAT LD50 1088 mg/kg
ORL MUS LD50 3600 mg/kg
ORL RAT LD50 5045 mg/kg
SCU MUS LDLO 6 gm/kg
Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Hazardous ingredients: PROPAN-2-OL
48H EC50 10000 mg/l
FISH FATHEAD MINNOWS 96H LC50 9600 mg/l
Mobility: Readily absorbed into soil. Volatile. Soluble in water. Vapour is heavier than air.
Persistence and degradability: Biodegradable.
Bioaccumulative potential: No bioaccumulation potential.
Other adverse effects: Negligible ecotoxicity.

[cont...]

SAFETY DATA SHEET
(EVANS CHEMICAL SUPPLIES) IPA / WATER BLEND

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Dispose of as normal industrial waste. Clean with water.

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

14. TRANSPORT INFORMATION

ADR / RID

UN no: 1993

ADR Class: 3

Packing group: III

Classification code: F1

Shipping name: FLAMMABLE LIQUID, NOS, Containing Iso Propanol.

IMDG / IMO

IATA / ICAO

15. REGULATORY INFORMATION

Hazard symbols: Highly flammable.

Irritant.



Risk phrases: R11: Highly flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

Safety phrases: S2: Keep out of the reach of children.

S9: Keep container in a well-ventilated place.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapour.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39: Wear suitable gloves and eye / face protection.

S46: If swallowed, seek medical advice immediately and show this container or label.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

[cont...]