



# SPECIALISED CHEMICALS LTD

Tollemache Road South, Spittlegate Level Ind. Est, Grantham, Lincs. NG31 7UH

Contract Packers of Chemicals and Aerosols

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BS EN ISO 9001:2000 Certificate No. 7632

## SAFETY DATA SHEET

### Tacit Limited - Tacit White Hole Marker 250ml Aerosols

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name Tacit Limited - Tacit White Hole Marker 250ml Aerosols

Product number 735

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

Identified uses Paint.

##### 1.3. Details of the supplier of the safety data sheet

Supplier Specialised Chemicals Ltd  
Tollemache Road South  
Spittlegate Level Industrial Estate  
Grantham  
Lincolnshire  
NG31 7UH  
Tel: +44 (0)1476 567615  
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technical@specialisedchemicals.com

##### 1.4. Emergency telephone number

Emergency telephone +44 (0) 1476 567615 (MON TO FRI 09:00 - 17:00)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

Physical hazards Aerosol 1 - H222, H229

Health hazards Not Classified

Environmental hazards Aquatic Chronic 3 - H412

Classification (67/548/EEC or 1999/45/EC) F+; R12. R52/53

Human health Vapours and spray/mists in high concentrations are narcotic. See Section 11 for additional information on health hazards.

Environmental The product contains a substance which is harmful to aquatic organisms.

Physicochemical Containers can burst violently or explode when heated, due to excessive pressure build-up. The product is extremely flammable. Vapours may form explosive mixtures with air.

##### 2.2. Label elements

## Tacit Limited - Tacit White Hole Marker 250ml Aerosols

### Pictogram



### Signal word

Danger

### Hazard statements

H222 Extremely flammable aerosol.  
 H229 Pressurised container: may burst if heated  
 H412 Harmful to aquatic life with long lasting effects.

### Precautionary statements

P102 Keep out of reach of children.  
 P211 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.  
 P261 Avoid breathing vapour/ spray.  
 P271 Use only outdoors or in a well-ventilated area.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

### Supplementary precautionary statements

P273 Avoid release to the environment.  
 P501 Dispose of contents/ container in accordance with national regulations.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>PETROLEUM GASES, LIQUEFIED</b>	<b>30-60%</b>
CAS number: 68476-85-7	EC number: 270-704-2
<b>Classification</b>	
Flam. Gas 1 - H220	
Press. Gas, Compressed - H280	
<b>SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH</b>	<b>10-30%</b>
CAS number: 64742-88-7	EC number: 265-191-7
<b>Classification</b>	
Acute Tox. 4 - H332	
Asp. Tox. 1 - H304	

## Tacit Limited - Tacit White Hole Marker 250ml Aerosols

<b>SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.</b>			<b>5-10%</b>
CAS number: 64742-95-6			
<b>Classification</b>			
Flam. Liq. 3 - H226			
Acute Tox. 4 - H332			
Skin Irrit. 2 - H315			
Eye Irrit. 2 - H319			
STOT SE 3 - H335			
Asp. Tox. 1 - H304			
Aquatic Chronic 2 - H411			
<b>ACETONE</b>			<b>1-5%</b>
CAS number: 67-64-1	EC number: 200-662-2	REACH registration number: 01-2119471330-49-XXXX	
<b>Classification</b>			
Flam. Liq. 2 - H225			
Eye Irrit. 2 - H319			
STOT SE 3 - H336			
<b>PETROLEUM RESIN</b>			<b>&lt;1%</b>
CAS number: 64742-16-1			
<b>Classification</b>			
Skin Irrit. 2 - H315			
<b>HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%)</b>			<b>&lt;1%</b>
CAS number: 64742-88-7	EC number: 919-446-0	REACH registration number: 01-2119458049-33-XXXX	
<b>Classification</b>			
Flam. Liq. 3 - H226			
STOT SE 3 - H336			
STOT RE 1 - H372			
Asp. Tox. 1 - H304			
Aquatic Chronic 2 - H411			
<b>2-butanone oxime</b>			<b>&lt;1%</b>
CAS number: 96-29-7	EC number: 202-496-6	REACH registration number: 01-2119539477-28-XXXX	
<b>Classification</b>			
Acute Tox. 4 - H312			
Eye Dam. 1 - H318			
Skin Sens. 1 - H317			
Carc. 2 - H351			

## Tacit Limited - Tacit White Hole Marker 250ml Aerosols

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If in doubt, get medical attention promptly.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Remove person to fresh air and keep comfortable for breathing. Get medical attention.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>General information</b>	See Section 11 for additional information on health hazards.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Foam, carbon dioxide or dry powder.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Containers can burst violently or explode when heated, due to excessive pressure build-up.
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#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Use water to keep fire exposed containers cool and disperse vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Avoid inhalation of vapours and contact with skin and eyes. Ensure suitable respiratory protection is worn during removal of spillages in confined areas.
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#### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid discharge into drains.
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#### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.
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#### 6.4. Reference to other sections

## Tacit Limited - Tacit White Hole Marker 250ml Aerosols

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited. Use suitable respiratory protection if ventilation is inadequate.

**Advice on general occupational hygiene** Wash promptly with soap and water if skin becomes contaminated. Do not eat, drink or smoke when using this product.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Protect from freezing and direct sunlight. Store in a dry place. Do not store near heat sources or expose to high temperatures. Keep away from heat, sparks and open flame.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### PETROLEUM GASES, LIQUEFIED

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m<sup>3</sup>

##### ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

##### ACETONE (CAS: 67-64-1)

<b>DNEL</b>	Workers - Dermal; Long term systemic effects: 186 mg/kg/day Workers - Inhalation; Short term local effects: 2420 mg/m <sup>3</sup> Workers - Inhalation; Long term systemic effects: 1210 mg/m <sup>3</sup>
<b>PNEC</b>	- Sediment (Freshwater); 30.4 mg/kg - Sediment (Marinewater); 3.04 mg/kg - Marine water; 1.06 mg/l - Soil; 29.5 mg/kg

#### 8.2. Exposure controls

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

**Hand protection** No specific requirements are anticipated under normal conditions of use.

**Other skin and body protection** Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist.

**Respiratory protection** No specific recommendations. If ventilation is inadequate, suitable respiratory protection must be worn.

## Tacit Limited - Tacit White Hole Marker 250ml Aerosols

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Aerosol.
<b>Colour</b>	White.
<b>Odour</b>	Solvent.
<b>Odour threshold</b>	No information available.
<b>pH</b>	No information available.
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	-41 (-41 TO 204)°C @
<b>Flash point</b>	-40°C CC (Closed cup).
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 0.7 % Upper flammable/explosive limit: 13.0 %
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	0.816
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	200°C
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	No information available.
<b>Oxidising properties</b>	No information available.

#### 9.2. Other information

<b>Other information</b>	None.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	No test data specifically related to reactivity available for this product or its ingredients.
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#### 10.2. Chemical stability

<b>Stability</b>	The product may not be stable under some conditions of storage or use.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	None known.
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#### 10.4. Conditions to avoid

## Tacit Limited - Tacit White Hole Marker 250ml Aerosols

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid** None known.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None at ambient temperatures.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - inhalation

**ATE inhalation (vapours mg/l)** 46.04

**Inhalation** Vapours in high concentrations are narcotic. Vapours may cause headache, fatigue, dizziness and nausea.

**Skin contact** Skin irritation should not occur when used as recommended.

**Eye contact** Vapour or spray in the eyes may cause irritation and smarting.

**Acute and chronic health hazards** No known chronic or acute health risks.

**Route of entry** Inhalation Skin and/or eye contact

#### Toxicological information on ingredients.

#### SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH

##### Acute toxicity - inhalation

**ATE inhalation (vapours mg/l)** 11.0

#### SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

##### Acute toxicity - inhalation

**ATE inhalation (vapours mg/l)** 11.0

#### ACETONE

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,800.0

**Species** Rat

**ATE oral (mg/kg)** 5,800.0

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 7,800.0

**Species** Rabbit

## Tacit Limited - Tacit White Hole Marker 250ml Aerosols

ATE dermal (mg/kg) 7,800.0

### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 21.0

Species Rat

ATE inhalation (vapours mg/l) 21.0

### HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%)

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 15,001.0

Species Rat

ATE oral (mg/kg) 15,001.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 3,401.0

Species Rat

ATE dermal (mg/kg) 3,401.0

#### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 13,101.0

Species Rat

ATE inhalation (vapours mg/l) 13,101.0

### 2-butanone oxime

#### Acute toxicity - dermal

ATE dermal (mg/kg) 1,100.0

## SECTION 12: Ecological Information

### 12.1. Toxicity

#### Ecological information on ingredients.

### ACETONE

Acute toxicity - fish EC<sub>50</sub>, 96 hours: 8300 mg/l, Lepomis macrochirus (Bluegill)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, : 8800 mg/l, Daphnia magna

### 12.2. Persistence and degradability

Persistence and degradability No data available.

### 12.3. Bioaccumulative potential



## Tacit Limited - Tacit White Hole Marker 250ml Aerosols

**Partition coefficient** No information available.

### 12.4. Mobility in soil

**Mobility** No data available

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations

**Disposal methods** Containers should be thoroughly emptied before disposal because of the risk of an explosion. Do not pierce or burn, even after use.

## SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 1950

**UN No. (IMDG)** 1950

**UN No. (ICAO)** 1950

**UN No. (ADN)** 1950

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** AEROSOLS, FLAMMABLE

**Proper shipping name (IMDG)** AEROSOLS, FLAMMABLE

**Proper shipping name (ICAO)** AEROSOLS, FLAMMABLE

**Proper shipping name (ADN)** AEROSOLS, FLAMMABLE

### 14.3. Transport hazard class(es)

**ADR/RID class** 2.1

**ADR/RID classification code** 5F

**ADR/RID label** 2.1

**IMDG class** 2.1

**ICAO class/division** 2.1

**ADN class** 2.1

### Transport labels



### 14.4. Packing group

## Tacit Limited - Tacit White Hole Marker 250ml Aerosols

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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

National regulations	The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).
EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

Revision date	08/12/2016
Revision	1
SDS number	5686

## Tacit Limited - Tacit White Hole Marker 250ml Aerosols

### Hazard statements in full

H220 Extremely flammable gas.  
H222 Extremely flammable aerosol.  
H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H229 Pressurised container: may burst if heated  
H280 Contains gas under pressure; may explode if heated.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.