



# OPT.TC-10 & OPT.TC-50

optima

## Optima Tack Cloth Material Safety Data Sheet

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

#### 1.1. PRODUCT IDENTIFIER

Product Form	-
Product Name	TAKRAG
Product Number	D3071

#### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified uses	IMPREGNATED COTTON WIPE
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#### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier	ORAPI APPLIED LIMITED, SPRING ROAD, SMETHWICK, WEST MIDLANDS, B66 1PT, ENGLAND Tel: 0121-525-4000 Fax: 0121-525-4919 lee.baughan@orapiapplied.com
Contact person	Lee Baughan

#### 1.4. EMERGENCY TELEPHONE NUMBER

Emergency number	0121 525 4000 (09:00 - 17:00hrs)
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### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

<b>Classification</b>	
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

#### 2.2. LABEL ELEMENTS

Hazard statements	NC Not Classified
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#### 2.3. OTHER HAZARDS

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. MIXTURES

MINERAL OIL	10-30%
CAS number:	64742-65-0
EC number:	265-169-7
REACH registration number:	01-2119471299-27-XXXX

**Classification** Asp. Tox. 1 - H304

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

#### Composition comments

The material consists of 55% woven cotton and 45% non-drying resin. The details of the non-drying resin are given above. The highly refined mineral oil contains polycyclic aromatics at levels typically less than 0.01%.



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### SECTION 4: FIRST AID MEASURES

#### 4.1. DESCRIPTION OF FIRST AID MEASURES

Inhalation	Not relevant.
Ingestion	Not relevant.
Skin contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes.

#### 4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Inhalation	No specific symptoms known
Ingestion	May cause discomfort if swallowed
Skin contact	No specific symptoms known
Eye contact	Visual disturbances, including blurred vision

#### 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Notes for the doctor	No specific recommendations.
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### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. EXTINGUISHING MEDIA

##### **Suitable extinguishing media**

Use fire-extinguishing media suitable for the surrounding fire.

#### 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

##### **Specific hazards**

The product is not flammable.

##### **Hazardous combustion**

Thermal decomposition or combustion products may include products the following substances: Oxides of carbon.

#### 5.3. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

##### **Protective actions during firefighting**

No specific firefighting precautions known.

##### **Special protective equipment for firefighters**

Not relevant.



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### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

##### Personal precautions

No smoking, sparks, flames or other sources of ignition near spillage.

#### 6.2. ENVIRONMENTAL PRECAUTIONS

##### Environmental precautions

Avoid discharge to the aquatic environment.

#### 6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

##### Methods for cleaning up

No specific clean-up procedure recommended.

#### 6.4. REFERENCE TO OTHER SECTIONS

### SECTION 7: HANDLING AND STORAGE

#### 7.1. PRECAUTIONS FOR SAFE HANDLING

##### Usage precautions

No specific recommendations.

#### 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

##### Storage precautions

Keep away from heat, sparks and open flame.

##### Storage class

Unspecified storage.

#### 7.3. SPECIFIC END USE(S)

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. CONTROL PARAMETERS

##### Occupational exposure limits

##### BUTYLATED HYDROXYTOLUENE

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

##### P'ENTAERYTHRITOL ESTER OF ROSIN (CAS: 8050-26-8)

##### DNEL

Consumer - Dermal; Long term systemic effects: 15 mg/kg/day

Consumer - Oral; Long term systemic effects: 15 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 52.174 mg/m<sup>3</sup>

Industry - Dermal; Long term systemic effects: 25 mg/kg/day

Industry - Inhalation; Long term systemic effects: 176.32 mg/m<sup>3</sup>

##### PNEC

- Fresh water; 1 mg/l

- Marine water; 0.1 mg/l

- STP; 2 mg/l

- Sediment (Freshwater); 726 mg/kg

- Sediment (Marinewater); 726 mg/kg

- Soil; 144.6 mg/kg



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### 8.2. EXPOSURE CONTROLS

**Appropriate engineering controls**  
No specific ventilation requirements.

**Eye/face protection**  
Not required.

**Hand protection**  
Hand protection not required.

**Other skin and body protection**  
Not required.

**Hygiene measures**  
Wash at the end of each work shift and before eating, smoking and using the toilet.

**Respiratory protection**  
Not required.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Impregnated tacky cotton wipe
Colour	Beige.
Odour	Mild (or faint).

#### 9.2. OTHER INFORMATION

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1. REACTIVITY

**Reactivity**  
There are no known reactivity hazards associated with this product.

#### 10.2. CHEMICAL STABILITY

**Stability**  
Not relevant.

#### 10.3. POSSIBILITY OF HAZARDOUS REACTIONS

**Possibility of hazardous reactions**  
Under normal conditions of storage and use, no hazardous reactions will occur.

#### 10.4. CONDITIONS TO AVOID

**Conditions to avoid**  
Avoid heat, flames and other sources of ignition.

#### 10.5. INCOMPATIBLE MATERIALS

**Materials to avoid**  
No specific material or group of materials is likely to react with the product to produce a hazardous situation.

#### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

**Hazardous decomposition products**  
Heating may generate the following products:  
Oxides of carbon.



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### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

##### Toxicological effects

No information available.

##### Inhalation

This product is unlikely to cause any inhalation hazard.

##### Ingestion

No harmful effects expected from quantities likely to be ingested by accident.

##### Skin contact

This product is unlikely to cause any dermal hazard.

##### Eye contact

Contact with eyes may cause irritation.

### SECTION 12: ECOLOGICAL INFORMATION

#### Ecotoxicity

Not regarded as dangerous for the environment.

#### 12.1. TOXICITY

##### Toxicity

Not considered toxic to fish.

#### 12.2. PERSISTENCE AND DEGRADABILITY

##### Persistence and degradability

There are no data on the degradability of this product.

#### 12.3. BIOACCUMULATIVE POTENTIAL

##### Bioaccumulative potential

No data available on bioaccumulation.

#### 12.4. MOBILITY IN SOIL

##### Mobility

The product is insoluble in water.

#### 12.5. RESULTS OF PBT AND VPVB ASSESSMENT

##### Results of PBT and vPvB assessment

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

#### 12.6. OTHER ADVERSE EFFECTS

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. WASTE TREATMENT METHODS

##### Disposal methods

No specific disposal method required.



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### SECTION 14: TRANSPORT INFORMATION

#### General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN NUMBER

Not applicable.

#### 14.2. UN PROPER SHIPPING NAME

Not applicable.

#### 14.3. TRANSPORT HAZARD CLASS(ES)

No transport warning sign required.

#### 14.4. PACKING GROUP

Not applicable.

#### 14.5. ENVIRONMENTAL HAZARDS

Environmentally hazardous substance/marine pollutant  
No.

#### 14.6. SPECIAL PRECAUTIONS FOR USER

Not applicable.

#### 14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 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

Control of Substances Hazardous to Health Regulations 2002 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

##### EU legislation

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).

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).

##### Guidance

Workplace Exposure Limits EH40.

#### 15.2. CHEMICAL SAFETY ASSESSMENT

No chemical safety assessment has been carried out.



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### SECTION 16: OTHER INFORMATION

#### Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.

ADR: European Agreement concerning the international Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

CAS: Chemical Abstracts Service.

DNEL: Derived No Effect Level.

GHS: Globally Harmonized System.

IATA: International Air Transport Association.

ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).

PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

SVHC: Substances of Very High Concern.

vPvB: Very Persistent and Very Bioaccumulative.

cATpE: Converted Acute Toxicity Point Estimate.

EC<sub>50</sub>: 50% of maximal Effective Concentration.

DMEL: Derived Minimal Effect Level.

UN: United Nations.

BC: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code).

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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.

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#### General information

For further information or advice contact our technical service line during regular office hours on 0121-524-1000.

This safety data sheet has been compiled for the product as supplied, properties and hazards will vary if the product is diluted with water or mixed with any other material.

Revision date	20/06/2016
Revision	7
Supersedes date	28/05/2015
SDS status	Approved.
Hazard statements in full	H304 May be fatal if swallowed and enters airways.
Signature	Health and Safety Manager