



Aerospace Material Safety Data Sheet

Wipemaster WIPE 14 Cable Cleaning Degreasing Wet Wipes

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

1.1 Product identifier

Product name: Wipemaster WIPE 14 Cable Cleaning Degreasing.
Product code : 5886S400 (400 Wipes per tub)

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

· **Sector of Use**

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· **Product category** PC35 Washing and cleaning products (including solvent based products)

· **Application of the substance / the mixture** Cleaning agent

1.3 Details of the supplier of the safety data sheet

· **Manufacturer/Supplier:**

GENSOL LTD, Forbes Close, Long Eaton, Nottingham, Nottinghamshire NG10 1PR. United Kingdom

Tel: 0115 972 7070 **Email:** info@cencol.co.uk

1.4 Emergency telephone number:

UK Tel: +44 0115 972 7070 (UK Office hours, 0900-1700, Mon-Fri)

SECTION 2: Hazards identification

This product is classified as "Hazardous" according to Regulation (EC) No 1272/2008 and its amendments.

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008

Skin Sens. 1 H317 May cause an allergic skin reaction.

Skin Irr 2. H315: Causes skin irritation

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

· **Information concerning particular hazards for human and environment:** The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· **Classification system:** The classification is according to the latest editions of the EU-lists, and extended by company and literature data.



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2.2 Label elements

· **Labelling according to Regulation (EC) No 1272/2008**

The mixture is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS07



GHS09

· **Signal word:** Warning

· **Hazard-determining components of labelling:**

(R)-p-mentha-1,8-diene

Hazard Statements

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H411: Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

P264: Wash hands thoroughly after handling.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P321: Specific treatment (see advice on this label).

P332 + P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.

P321: Specific treatment (see advice on this label).

P363: Wash contaminated clothing before reuse.

P391: Collect spillage.



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Storage: None

Disposal:

P501: Dispose of contents/container in accordance with national regulations

2.3 Other hazards

- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

2.4 Additional information:

The mixture was classified using data available for the neat substances with the application of relevant concentration limits, in accordance with Regulation (EC) No 1272/2008.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Chemical characterisation: Mixtures

- **Description:** Mixture of substances listed below with non hazardous additions.

- **Dangerous components:**

EC number: 926-141-6 Reg.nr.: 01-2119456620-43	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics ⚠ Asp. Tox. 1, H304	50-75%
CAS: 5989-27-5 EINECS: 227-813-5 Reg.nr.: 01-2119529223-47	(R)-p-mentha-1,8-diene ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	5-10%
· Ingredients according to Detergents Regulation 648/2004/EC For the wording of the listed risk phrases refer to section 16.		
Perfumes (LIMONENE), Preservation agents, BHT		

For the full text of the H-statements, see Section 16.

Ingredients not listed are either classified as non-hazardous or are present at concentrations below reportable levels.



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SECTION 4: First aid measures

4.1 Description of first aid measures

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After swallowing:** If symptoms persist consult doctor.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention promptly if symptoms occur after washing.

First aider protection

Avoid skin/eye contact/inhalation and ingestion during treatment process.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed. Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Firefighting measures

5.1 Extinguishing media

· **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

· **Protective equipment:** Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

- Wear proper personal protective equipment as stated in section 8.
- Avoid breathing vapours, mist or gas. Do not ingest.

- Avoid contact with skin and eyes.
- Eliminate all sources of ignition and ensure adequate ventilation of area.



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6.1.2 For emergency responders

- Wear self-contained breathing apparatus.
- Wear full protective clothing.
- For details of protective equipment, see Section 8.

6.2 Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up: Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:** Store in tightly closed original container in a dry and cool place. Store under well-ventilated conditions at a temperature below 25°C.
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** - None. The material is safe to use as intended.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

8.1 Control parameters

8.1.1 Occupational Exposure Limit

- **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs

5989-27-5 (R)-p-mentha-1,8-diene

Oral	DNEL acute-systemic	4.76 mg/kg human/day (consumer)
Inhalative	DNEL Acute-systemic mg/m ³	33.3 mg/m ³ (worker)

- **Additional information:** The lists valid during the making were used as basis.

8.1.2 Biological Limit Value: No data available for the product.



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8.1.3 PNECs and DNELs: No data available for the product.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. . Provide eyewash station and safety shower.

8.2.2 Individual protection measures, such as personal protective equipment

· General protective and hygienic measures:

Do not carry product impregnated cleaning cloths in trouser pockets.

Immediately remove all soiled and contaminated clothing

Do not inhale gases / fumes / aerosols.

· **Respiratory protection:** Not required.

· **Protection of hands:**



Protective gloves

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· **Not suitable are gloves made of the following materials:** Strong material gloves

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Liquid on inert carrier material

Colour: White

· **Odour:** Characteristic

· **pH-value:** Not applicable.

· **Change in condition**

Melting point/Melting range: Undetermined.

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Boiling point/Boiling range: 240 °C

- **Flash point:** > 60°C
- **Flammability (solid, gaseous):** No data available.
- **Ignition temperature:** 230 °C
- **Decomposition temperature:** No data available.
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**

Lower: 0.6 Vol %

Upper: 6.0 Vol %

- **Vapour pressure at 20 °C:** 0.1 hPa
- **Density at 20 °C:** 0.8 g/cm³
- **Vapour density** Not applicable.
- **Evaporation rate** Not applicable.
- **Solubility in / Miscibility with**

water: Insoluble.

- **Partition coefficient (n-octanol/water):** No data available.

· **Viscosity:** No data available.

Dynamic: No data available.

Kinematic: No data available.

· **Solvent content:**

Organic solvents: 72.9 %

9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions of use.

10.2 Chemical stability

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.



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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Oral	LD50	>5000 mg/kg (Rat) (OECD 401)
Dermal	LD50	>5000 mg/kg (Rabbit) (OECD 402 (24 h))
Inhalative	LC50/ 8 h	>5000 mg/m ³ (Rat) (OECD 403)

5989-27-5 (R)-p-mentha-1,8-diene

Oral	LD50	4400 mg/kg (Rat)
Dermal	LD50	>5000 mg/kg (Rat) >2000 mg/kg (Rabbit)
	EC50	34.1 mg/ltr (Daphnia magna (water flea))

Skin corrosion/irritation:

- **on the skin:** Skin irritation effects are likely.

Serious eye damage/ irritation:

- **on the eye:** No irritating effect.

Respiratory or skin sensitisation:

Sensitisation possible through skin contact.

Germ cell mutagenicity: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

STOT-single exposure: No data available

STOT-repeated exposure: No data available

Aspiration hazard: No data available.

11.2 Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

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SECTION 12: Ecological information

12.1 Toxicity

· Aquatic toxicity:

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

EL50 (48 h) >1000 mg/l (Daphnia magna (water flea)) (OECD 202)

OECD test 301 F 69 % (biodegradation in % after 28 days)

5989-27-5 (R)-p-mentha-1,8-diene

OECD test 301 D >92 (biodegradation in % after 28 days)

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

· Ecotoxicological effects:

· **Remark:** Toxic for fish

· **Additional ecological information:**

· **General notes:**

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground. Also poisonous for

fish and plankton in water bodies. Toxic for aquatic organisms

12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Residual wastes

–Must not be disposed together with household garbage. Do not allow product to reach sewage system.

13.1.2 Contaminated containers and packaging

· **Recommendation:** Disposal must be made according to official regulations. Make sure containers are empty before discarding

13.2 Other information: None

SECTION 14: Transport information

14.1 UN-Number

· **ADR, IMDG, IATA UN3077**

14.2 UN proper shipping name

· **ADR 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.**



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- **IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., MARINE POLLUTANT**
- **IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.**

14.3 Transport hazard class(es) ADR



- **Class 9 (M7) Miscellaneous dangerous substances and articles.**
- **Label 9**

IMDG, IATA



- **Class 9** Miscellaneous dangerous substances and articles.
- **Label 9**

14.4 Packing group

- **ADR, IMDG, IATA III**

14.5 Environmental hazards: Product contains environmentally hazardous substances:

- **Marine pollutant: Yes**

Symbol (fish and tree)

- **Special marking (ADR):** Symbol (fish and tree)
- **Special marking (IATA):** Symbol (fish and tree)

14.6 Special precautions for user Warning: Miscellaneous dangerous substances and articles.

- **Danger code (Kemler):** 90
- **EMS Number:** F-A,S-F

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

- **Transport/Additional information:**
- **ADR**
- **Limited quantities (LQ)** 5 kg
- **Excepted quantities (EQ)** Code: E1
- Maximum net quantity per inner packaging: 30 g
- Maximum net quantity per outer packaging: 1000 g
- **Transport category** 3
- **Tunnel restriction code** E

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· **IMDG**

- **Limited quantities (LQ)** 5 kg
- **Excepted quantities (EQ)** Code: E1

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 1000 g

- **UN "Model Regulation"**: UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.,9, III

SECTION 15: Regulatory information

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

- **National regulations:**
- **Technical instructions (air):**

Class	Share in %
NK	50-75

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Asp. Tox. 1: Aspiration hazard, Hazard Category 1



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Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

SECTION 16: Other information

GENERAL INFORMATION:

DISCLAIMER: The information provided relates only to the product or material specified and does not apply if used in combination with other materials. The data sheet gives information to the best of our knowledge and awareness as of its issue date. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to be satisfied that the information provided is suitable and complete enough for this material's particular use.

Dec 2015



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