



Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Product Name: SCOTTS INSTANT RELEASE

Creation Date: 10/10/12

Replaces: 01/03/11

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

1.1. Product Identifier

SCOTTS INSTANT RELEASE
Aerosol

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

Anti-Seize Lubricant.

1.3. Details of the supplier of the safety data sheet

Scotts Trading
Scotts House, 20 Dorchester Road
Grimstone, Dorchester
Dorset, DT2 9NA
Tel: 0044 (0)1305 260555
Fax: 0044 (0)1305 260518
E-mail: sales@scottstrading.com

1.4. Emergency telephone number

0044 (0)1305 260555

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC:

Health: R38: Irritating to skin.
R67: Vapours may cause drowsiness and dizziness.

Physical: R12: Extremely flammable.
EXTREMELY FLAMMABLE

Environment: R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

Warning symbol(s):

EXTREMELY FLAMMABLE



Xi: IRRITANT



N: DANGEROUS FOR THE ENVIRONMENT

**Risk-phrase(s):**

R12: Extremely flammable.
R38: Irritating to the skin.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67: Vapours may cause drowsiness and dizziness.

Safety-phrase(s)

S2: Keep out of the reach of children.
S16: Keep away from sources of ignition – No smoking.
S23: Do not breathe vapours/spray.
S24: Avoid contact with skin.
S51: Use only in well-ventilated areas.

Special labelling provisions:

Contains:
Turpentine, oil (Any of the volatile predominately terpenic fractions or distillates resulting from the solvent extraction of, gum collection from, or pulping of softwoods. Composed primarily of the C₁₀H₁₆ terpene hydrocarbons: ALPHA-pinene, Beta-pinene, limonene, 3-carene, camphene. May contain other acyclic, monocyclic, or bicyclic terpenes, oxygenated terpenes, and anethole. Exact composition varies with refining methods and the age, location, and species of the softwood source.)
May produce an allergic reaction.

Extra label elements according to Aerosol Dispenser Directive 75/324/EC:

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

Other extra label elements:

Remark: Preparations classified as harmful on the basis of an aspiration hazard need not be labelled as harmful with R65 when placed on the market in aerosol containers or in containers fitted with a sealed spray attachment (EU-Directive 67/548 Annex VI 9.4).

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

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Hazardous ingredient	Cas-nr	EC-nr	w/w %	Symbol	R-phrases*	Notes
Hydrocarbons, C3-4-rich petroleum distillate Petroleumgas (1,3-butadiene<0.1%)	68512-91-4	270-990-9	30-60	F+	12	K
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic		927-510-4	30-60	F,Xn,N	11-38-51/53-65-67	B
Propan-2-ol; isopropyl alcohol; isopropanol	67-63-0	200-661-7	1-5	F, Xi	11-36-67	B
Turpentine, oil (Any of the volatile predominately terpenic fractions or distillates resulting from the solvent extraction of, gum collection from, or pulping of softwoods. Composed primarily of the C10H16 terpene hydrocarbons:ALPHA-pinene, BETA-pinene, limonene, 3-carene, camphene. May contain other acyclic, monocyclic, or bicyclic terpenes, oxygenated terpenes, and anethole. Exact composition varies with refining methods and the age, location, and species of the softwood source.)	8006-64-2	232-350-7	0-1	Xn,N	10-20/21/22-36/38-43-51/53-65	B
Explanation Notes	B: Substance with national established workplace exposure limit					
	K: not classified as carcinogen, less than 0.1%/w/w 1,3-butadiene (Einecs-nr. 203-450-8)					

Hazardous ingredient	Registration number	Cas-nr	EC-nr	w/w %	Hazard Class & Category	Hazard Statement	Notes
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic	01-2119475515-33		927-510-4	30-60	Flam. Liq 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2	H225,H315,H336,H304,H411	B
Propan-2-ol; isopropyl alcohol; isopropanol	01-2119457558-25	67-63-0	200-661-7	1-5	Flam. Liq 2, Eye Irrit. 2, STOT SE 3	H225,H319,H336	B
Turpentine, oil (Any of the volatile predominately terpenic fractions or distillates resulting from the solvent extraction of, gum collection from, or pulping of softwoods. Composed primarily of the C10H16 terpene hydrocarbons:ALPHA-pinene, BETA-pinene, limonene, 3-carene,		8006-64-2	232-350-7	0-1	Flam. Liq 3, Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Asp. Tox. 1, Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2	H226,H332,H312,H302,H304,H319,H315,H317,H411	B

camphene. May contain other acyclic, monocyclic, or bicyclic terpenes, oxygenated terpenes, and anethole. Exact composition varies with refining methods and the age, location, and species of the softwood source.)							
Explanation Notes	B: Substance with national established workplace exposure limit						

(* Explanation risk-phrases : see chapter 16)

SECTION 4: First Aid Measures

4.1 Description of first aid measures

Contact with eyes:	If substance has got into eyes, immediately wash out with plenty of water. Seek medical advice.
Contact with skin:	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with water and soap. Seek medical advice.
Inhalation:	Fresh air, keep warm and rest. Seek medical attention if ill effects occur.
Ingestion:	If swallowed do not induce vomiting because of risk of aspiration into lungs. If aspiration is suspected obtain immediate medical attention.

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

Inhalation:	Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness.
Ingestion:	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia. Symptoms: sore throat, abdominal pain, nausea, vomiting.
Skin Contact:	Irritating to skin. Symptoms: redness and pain.
Eye Contact:	May cause irritation. Symptoms: redness and pain.

4.3. Indication of any immediate medical attention and special treatment needed

General Advice:	If you feel unwell, seek medical advice (show the label where possible) If symptoms persist always call a doctor.
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SECTION 5: Firefighting Measures

5.1. Extinguishing media

Foam, carbon dioxide or dry agent.

5.2. Special hazards arising from the substance or mixture

Aerosols may explode if heated above 50°C.
Forms hazardous decomposition products CO, CO₂.

5.3 Advice for Fire fighters

Keep container(s) exposed to fire cool, by spraying with water.
In case of fire, do not breathe fumes.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Shut off all ignition sources.
Ensure adequate ventilation.
Wear suitable protective clothing and gloves.

6.2 Environmental precautions

Do not allow to enter public sewers and watercourses.

6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material.

6.4. Reference to other sections

For further information see section 8.

SECTION 7: Handling & Storage

7.1. Precautions for safe handling

Keep away from heat and sources of ignition.
Take precautionary measures against static discharges.
Equipment should be earthed.
Use explosion-proof electrical/ventilation/lighting/equipment.
Use only non-sparking tools.
Do not breathe aerosols or vapours.
Ensure adequate ventilation.
Avoid contact with skin or eyes.
Wash thoroughly after use.
Wear protective gloves/protective clothing/eye protection/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.
Keep out of reach of children.

7.3. Specific end use(s)

Anti-Seize Lubricant.

SECTION 8: Exposure Controls & Personal Protection**8.1. Control parameters****Exposure limits:**

Hazardous ingredient	CAS-nr.	method	
EU established exposure limits:			
Propan-2-ol; isopropyl alcohol; isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm

8.2 Exposure controls

Control procedures:	Ensure adequate ventilation. Keep away from heat sources of ignition. Take precautionary measures against static discharges.
Personal protection:	Take precautions to avoid contact with skin and eyes when handling the product. Ensure adequate ventilation.
Inhalation:	In case of insufficient ventilation, wear suitable respiratory equipment.
Hands and skin:	Wear suitable protective gloves (nitrile).
Eyes:	Wear safety goggles.

SECTION 9: Physical & Chemical Properties**9.1. Information on basic physical and chemical properties**

(for aerosols data for the product without propellant)

Appearance : physical state:	Propane/butane propelled liquid.
Colour:	Grey.
Odour:	Petroleum.
pH:	Not applicable.
Boiling point/range:	94°C
Flash point:	-4°C
Evaporation Rate:	Not available.
Explosion limits: upper limit:	9.4%
lower limit:	1.1%
Vapour Pressure:	Not available.
Relative Density:	0.763 g/cm ³ (@ 20°C)

Solubility in water: Insoluble in water.
Auto Ignition: >200 Not available.
Viscosity: Not available.

9.2. Other information

No information available.

SECTION 10: Stability & Reactivity

10.1. Reactivity

No hazardous reactions known if used for its intended purpose.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4. Conditions to avoid

Avoid overheating.

10.5 Incompatible materials

Strong oxidising agent.

10.6. Hazardous decomposition products

CO, CO₂.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Inhalation: Inhalation of solvent vapours may give rise to nausea, headaches and dizziness.

Ingestion: After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.

Skin Contact: Irritating to skin.

Eye Contact: May cause irritation.

Toxicological data:

Hazardous ingredient	CAS-nr	method	
Propan-2-ol; isopropyl alcohol; isopropanol	67-63-0	LD50 oral rat	>2000 mg/kg
		LC50 inhal.rat	>20 mg/l

		LD50 derm.rabit	>2000 mg/kg
Hydrocarbons, C7, n-alkanes,isoalkanes, cyclic		LD50 oral rat	>5000 mg/kg
		LC50 inhal.rat	>20 mg/l
		LD50 derm.rat	>2500 mg/kg

SECTION 12: Ecological Information

12.1. Toxicity

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Ecotoxicological data:

Hazardous ingredient	CAS-nr	method	
Propan-2-ol; isopropyl alcohol; isopropanol	67-63-0	IC50 algae	>100 mg/l
		LC50 fish	>100 mg/l
		EC50 daphnia	>100 mg/l
Hydrocarbons, C7, n-alkanes,isoalkanes, cyclic		IC50 algae	10-30 mg/l
		LC50 fish	>10 mg/l
		EC50 daphnia	3 mg/l

12.2. Persistence and Degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

Insoluble in water.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Product: This material and its container must be disposed of in a safe way. Do not discharge into drains or the environment, dispose to an authorised waste collection point.

Contaminated packaging: Disposal should be in accordance with local, state or national legislation.

SECTION 14: Transport Information

14.1. UN number

UN-number: 1950.

14.2. UN proper shipping name

Proper shipping name: AEROSOLS (hydrocarbons).

14.3. Transport hazard class(es)

Class: 2.1.

ADR/RID – Classification code: 5F.

14.4. Packing group

Packing Group: Not applicable.

14.5 Environmental hazards

ADR/RID – Environmentally Hazardous: Yes.

IMDG_Marine Pollutant: Marine pollutant.

IATA/ICAO – Environmentally Hazardous: Yes.

14.6. Special Precautions for User

ADR/RID – Tunnelcode: (D).

IMDG – Ems: F-D, S-U.

IATA/ICAO – PAX: 203.

IATA/ICAO – CAO: 203.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable.

SECTION 15: Regulatory Information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The Safety Data Sheet is compiled according to the current European requirements.
Dir. 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.
EU-directive 99/45/EC.
Regulation (EC) No 1907/2006 (REACH).

15.2. Chemical safety assessment

No information available.

SECTION 16. Other Information

- * Explanation risk-phrases:
- R10: Flammable.
 - R11: highly flammable.
 - R12: Extremely flammable.
 - R36: Irritating to eyes.
 - R38: Irritating to skin.
 - R43: May cause sensitisation by skin contact.
 - R65: Harmful: may cause lung damage if swallowed.
 - R67: Vapours may cause drowsiness and dizziness.
 - R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
 - R36/38: Irritating to eyes and skin.
 - R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- * Explanation hazard statements:
- H225: Highly flammable liquid and vapour.
 - H226: Flammable liquid and vapour.
 - H302: Harmful if swallowed.
 - 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.
 - H319: Causes serious eye irritation.
 - H332: Harmful if inhaled.
 - H336: May cause drowsiness or dizziness.
 - H411: Toxic to aquatic life with long lasting effects.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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