

**JOB DONE GENERAL PURPOSE WEEDKILLER RTU**

HER00001

1/16

Creation Date: 25.08.2017

Revision Date:

Version: 1 / France

**SECTION I: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

<b>Product Name</b>	JOB DONE GENERAL PURPOSE WEEDKILLER RTU
<b>Formulation code</b>	HER00001
<b>Market Authorization Number</b>	2140055

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

<b>Use</b>	Herbicide Plant protection product (REACH PC27)
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**1.3 Details of the supplier of the safety data sheet**

<b>Supplier</b>	SBM Life Science Ltd Unit 2, Techno Park, Newmarket road, Cambridge, CB5 8PB Great Britain
<b>Phone number</b>	+44 (0)1223 563108
<b>Fax number</b>	+44 (0)1223 851369
<b>Responsible Department</b>	<a href="mailto:uk.gardenadvice@sbm-company.com">uk.gardenadvice@sbm-company.com</a> QHSE Department Email: <a href="mailto:sds@corp.sbm-company.com">sds@corp.sbm-company.com</a>

**1.4 Emergency telephone number**

<b>Emergency telephone Number SBM</b>	+1 813-676-1669
<b>UK emergency telephone number</b>	(+44) 0800 220 876

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**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

**Classification in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.**

Physical Hazards:

No classification for physical hazards.

Health and Safety Hazards:

No classification for health and safety hazards.

Environmental Hazards:

No classification for environmental hazards.

**2.2 Label elements**

**Labelling in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.**

**Hazardous components which must be listed on the label:**

No hazardous components must be listed on the label.

**Pictograms of hazards:**

No pictograms required.

**Signal word:** No signal word required.

**Hazard statements:**

No hazard statements required.

**Precautionary statements:**

P102	Keep out of reach of children.
P261	Avoid breathing dust / fume / gas / mist / vapors / spray.
P280	Wear protective clothing, gloves, eye and face protection.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER / doctor.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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**Additional mentions:**

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

**Additional labelling:**

No additional labelling required.

**2.3 Other hazards**

No other hazards.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

Not concerned.

**3.2 Mixtures****Hazardous components**

Hazard statements in accordance with Regulation (EC) No. 1907/2006

Ingredients	CAS Number / EC Number / Index Number	REACH Number / recording	Classification	Environmental Hazards	Conc % (w/w)
			Regulation 1272/2008/EC		
Glyphosate Isopropylamine Salt	38641-94-0 / 254-056-8 / No information available	No information available	Aquatic Chronic 2, H411	No information available	< 1 %

**Further information**

The full text for all hazard statements is displayed in section 16.

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures****General advice**

If some symptoms appear and persist, see a doctor / a physician. Have container, label or safety data sheet of the product when you call an emergency number, a poison center, a doctor / physician or when you need to consult for a treatment.

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<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Get medical attention if irritation persists after washing. Show this safety data sheet to the medical personnel.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention, if irritation persists after washing.
<b>Ingestion</b>	Remove affected person from source of contamination. Remove person to fresh air and keep comfortable for breathing. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues. Do not induce vomiting.

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

<b>Symptoms</b>	Inhalation: this is unlikely to occur but symptoms similar to those of ingestion may develop. Eye contact: may be slightly irritating to eyes. Skin contact: may be slightly irritating to skin. Ingestion: may cause stomach pain or vomiting.
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**4.3 Indication of any immediate medical attention and special treatment needed**

<b>Hazards</b>	No information available.
<b>Treatments</b>	Treat symptomatically.

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**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**

<b>Suitable</b>	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
<b>Unsuitable</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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**5.2 Special hazards arising from the substance or mixture**

**Special hazards arising from the substance or mixture**      None known.

**5.3 Advice for firefighters**

**Special protective equipment for firefighters**      Use air-supplied respirator, gloves and protective goggles.

**Further information**      Do not use water jet as an extinguisher, as this will spread the fire. Avoid breathing fire gases or vapors. Contain and collect extinguishing water. Fight fire from safe distance or protected location. If risk of water pollution occurs, notify appropriate authorities. Move containers from 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**

**For non-emergency personnel**      Ensure adequate ventilation. Avoid contact with skin, eyes and clothes. Evacuate hazardous areas and follow emergency procedures. Do not eat, drink or smoke during the intervention on accidental release.

**For emergency responders**      Ensure adequate ventilation. Wear adequate personal protective equipment. Keep unnecessary and unprotected personnel away from the spillage. Do not eat, drink or smoke during the intervention on accidental release.

**6.2 Environmental precautions**

**Environmental precautions**      Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material. Environmental Manager must be informed of all major spillages.

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**6.3 Methods and materials for containment and cleaning up**

<b>Methods for containment</b>	Contain the spread.
<b>Methods for cleaning up</b>	Contain spillage with sand, earth or other suitable non-combustible material. Collect spillage. Place waste in labelled, sealed containers. Dispose of waste to licensed waste disposal site in accordance with requirements of the local Waste Disposal Authority.
<b>Additional advice</b>	No additional advice.

**6.4 Reference to other sections**

<b>Reference to other sections</b>	For personal protection, see section 8.
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**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

<b>Advice on safe handling</b>	Avoid contact with eyes, skin and clothes. Do not eat, drink or smoke when using the product.
<b>Advice on protection against fire and explosion</b>	No information available.
<b>Hygiene measures</b>	Avoid contact with eyes, skin and clothes. Separate working clothes from other clothes. Wash hands before break times and immediately after handling. Remove wet or contaminated clothing and reuse them after a thorough cleaning. Provide eyewash station.

**7.2 Conditions for safe storage, including any incompatibilities**

<b>Requirements for storage areas and containers</b>	Keep only in the original container. Protect from freezing and direct sunlight. Do not empty into drains.
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**Advice on common storage** Keep away from food, drink and animal feeding stuffs.

**Suitable materials** No information available.

**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**

No control parameters known for the mixture.

**Further information:**

No further information.

**8.2 Exposure controls****Appropriate engineering controls**

**Appropriate engineering controls** Eyes shower and safety shower must be placed close to the work area. Assure an adequate ventilation.

**Individual protective measures, such as personal protective equipment**

All the measures for collective protection should be set and use before to consider the use of personal protective equipment. In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

**Respiratory protection** Respiratory protection is not required under anticipated circumstances of exposure and in normal using conditions.

**Hand protection** Wear protective gloves made of the following material: nitrile rubber.

**Eye protection** Tight-fitting safety glasses.

**Skin and body protection** Skin and body protection is not required under anticipated circumstances of exposure and in normal using conditions.

**Thermal protection** No information available.

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**Environmental exposure controls****Environmental exposure controls**

Avoid spread in the environment. DO NOT contaminate the drains, surface waters and ground waters.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Colorless to pale yellow.
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	No information available.
<b>pH</b>	For a concentrated solution: 4.5 – 5.5
<b>Melting point / freezing point</b>	No information available.
<b>Initial boiling point and boiling range</b>	No information available.
<b>Flash Point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper / lower flammability or explosive limits</b>	No information available.
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	1.020 – 1.040 at 20°C.
<b>Solubility in water</b>	Miscible with water.



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**Partition coefficient: n-octanol / water** No information available.

**Auto-ignition temperature** No information available.

**Decomposition temperature** No information available.

**Dynamic viscosity** No information available.

**Explosive properties** No information available.

**Oxidising properties** No information available.

**9.2 Other information**

**Other information** Information given is applicable to the product as supplied.

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**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

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

**10.2 Chemical stability**

**Chemical stability** Stable at normal ambient temperatures and when used as recommended.

**10.3 Possibility of hazardous reactions**

**Possibility of hazardous reactions** No potentially hazardous reactions known.

**10.4 Conditions to avoid**

**Conditions to avoid** Avoid freezing. There are no known conditions that are likely to result in a hazardous situation.

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**10.5 Incompatible materials****Incompatible materials** None known.**10.6 Hazardous decomposition products****Hazardous decomposition products** Does not decompose when used and stored as recommended.

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**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**

No specific health hazards known.

**Acute oral toxicity** No information available. Based on available data, the classification criteria are not met.**Acute inhalation toxicity** No information available. Based on available data, the classification criteria are not met.**Acute dermal toxicity** No information available. Based on available data, the classification criteria are not met.**Skin irritation / corrosion** No information available. Based on available data, the classification criteria are not met.**Serious eye damage / irritation** No information available. Based on available data, the classification criteria are not met.**Respiratory sensitisation** No information available. Based on available data, the classification criteria are not met.**Skin sensitisation** No information available. Based on available data, the classification criteria are not met.**Carcinogenicity:**

No information available. Based on available data, the classification criteria are not met.

**Germ cell mutagenicity:**

No information available. Based on available data, the classification criteria are not met.

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**Reproductive toxicity and fertility:**

No information available. Based on available data, the classification criteria are not met.

**Specific target organ toxicity (single exposure / repeated exposure):**

Single exposure: No information available. Based on available data, the classification criteria are not met.

Repeated exposure: No information available. Based on available data, the classification criteria are not met.

**Aspiration hazard:**

No information available. Based on available data, the classification criteria are not met.

**Other information**

No other information.

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**SECTION 12: ECOLOGICAL INFORMATION**

Not regarded as dangerous for the environment.

**12.1 Toxicity**

<b>Toxicity to fish</b>	LC50 > 100 mg/L Period of exposure: 96 hours.
<b>Toxicity to aquatic invertebrates</b>	EC50 > 100 mg/L <i>Daphnia magna</i> . Period of exposure: 48 hours.
<b>Toxicity to aquatic plants</b>	LC50 > 100 mg/L <i>Alga</i> . Period of exposure: 96 hours.
<b>Toxicity for bees</b>	No information available.
<b>Toxicity for earth-worms</b>	No information available.
<b>Toxicity for birds</b>	No information available.

**12.2 Persistence and degradability**

<b>Biodegradability</b>	The degradability of the product is not known.
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**Koc** No information available.

### 12.3 Bioaccumulative potential

**Bioaccumulation** No data available on bioaccumulation.

### 12.4 Mobility in soil

**Mobility in soil** The product is miscible with water and may spread in water systems.

### 12.5 Results of PBT and vPvB assessment

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

### 12.6 Other adverse effects

**Additional ecological information** Refer to the label for more instructions concerning the precautions measures for the environment during the use of the product.

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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Generalities** Avoid spread in the environment. Handle contaminated packaging like it is the product itself. DO NOT mix the product or packaging with other wastes.

**Product** Dispose of waste product or used containers in accordance with local regulations.

**Contaminated packaging** DO NOT reuse the packaging. DO NOT dispose the product with household wastes, but dispose the packaging with or without product in a rubbish dump or with the service of a recognized organization.

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**SECTION 14: TRANSPORT INFORMATION**

The product is not covered by international regulations on the transport of dangerous goods.

**ADR/RID/ADN**

14.1 UN number	Not applicable.
14.2 Proper shipping name	Not applicable.
14.3 Transport hazard class(es)	Not applicable.
14.4 Packing group	Not applicable.
14.5 Environm. Hazardous Mark	Not applicable.
Hazard no.	Not applicable.

This classification is in principle not valid for carriage by tank vessel on inland waterways. Please refer to the manufacturer for further information.

**IMDG**

14.1 UN number	Not applicable.
14.2 Proper shipping name	Not applicable.
14.3 Transport hazard class(es)	Not applicable.
14.4 Packing group	Not applicable.
14.5 Marin pollutant	Not applicable.

**IATA**

14.1 UN number	Not applicable.
14.2 Proper shipping name	Not applicable.
14.3 Transport hazard class(es)	Not applicable.
14.4 Packing group	Not applicable.
14.5 Environm. Hazardous Mark	Not applicable.

**14.6 Special precautions for user**

No special precautions for user.

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

Not applicable.

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Further information**

**Conformity with REACH annexes** 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).

**Conformity with CLP** 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).

**Specific provisions:**

No specific provisions.

**15.2 Chemical Safety Assessment**

An exposure scenario has not been prepared as a CSR was not required for registration.

**SECTION 16: OTHER INFORMATION****Text of the precautionary statements (P sentences) mentioned in Section 2:**

P102	Keep out of reach of children.
P261	Avoid breathing dust / fume / gas / mist / vapors / spray.
P280	Wear protective clothing, gloves, eye and face protection.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER / doctor.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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**Text of the hazard statements (H sentences) mentioned in Sections 2 and 3:**

H411	Toxic to aquatic life with long lasting effects.
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.

**Text of hazards classes and categories mentioned in Sections 2 and 3:**

Aquatic Chronic 2      Hazardous to the aquatic environment – Chronic – Category 2.

**Abbreviations and acronyms**

ADI	Acceptable Daily Intake
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ARfD	Acute Reference Dose
A.S	Active Substance
ATE	Acute toxicity estimate
BCF	Bioconcentration Factor
CAS-Nr.	Chemical Abstracts Service number
CLP	Classification, Labelling, Packaging regulation
Conc.	Concentration
DMEL	Derived Minimal Effect Levels
DNEL	Derived No Effect Level
EC-No.	European community number
ECx	Effective concentration to x %
EINECS	European inventory of existing commercial substances
ELINCS	European list of notified chemical substances
EN	European Standard
EU	European Union
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code)
ICx	Inhibition concentration to x %
IMDG	International Maritime Dangerous Goods
Koc	Absorption Coefficient
LCx	Lethal concentration to x %
LDx	Lethal dose to x %
LOEC/LOEL	Lowest observed effect concentration/level
MARPOL	MARPOL: International Convention for the prevention of marine pollution from ships
NOEC/NOEL	No observed effect concentration/level
N.O.S.	Not otherwise specified
OECD	Organization for Economic Co-operation and Development
OSHA	Occupational Safety and Health Administration
PBT	Persistent, Bioaccumulative and Toxic substances

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PNEC	Predicted No Effect Concentration
Pow	Partition coefficient: n-octanol / water
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STOT	Specific Target Organ Toxicity
SVHC	Substance of Very High Concern
TWA	Time weighted average
vPvB	Very Persistent and Very Bioaccumulative
UN	United Nations
WHO	World health organisation

**Methods used for classification:**

The classification of the product "Job Done General Purpose Weedkiller RTU" was calculated according to the methods described in EC 1272/2008 regulation, with regards to the dangers for the environment and for health.

**Further information:**

**Note from SBM Life Science:** This SDS was elaborated according to the SDS of the producer of the product.

**Purpose of the reviewing:**

Initial version of the safety data sheet.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

**Additional information:**

The information contained within this Safety Data Sheet is in accordance with the guidelines established by Regulation (EU) 1907/2006 and Regulation (EU) 2015/830 amending Regulation (EU) No 1907/2006 and any subsequent amendments. This data sheet complements the user's instructions, but does not replace them. The information it contains is based on the knowledge and the legislative and regulatory texts available about the product concerned at the time it was compiled. Users are further reminded of the possible risks of using a product for purposes other than those for which it was intended. The information given in this data sheet have to be consider as a description of the requirements for the product and not consider as a guarantee or a quality specification concerning its properties. The required information complies with current EEC legislation. Addressees are requested to observe any additional national requirements.