

Plot 60 WP Metsulfuron-methyl 60% WP Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Date of issue: 5/20/2011 Revision date: 3/21/2018 Version: 3.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1. Product identifier	
Product name	: Plot 60 WP
1.2. Relevant identified uses of the sub	stance or mixture and uses advised against
1.2.1. Relevant identified uses	
Industrial/Professional use spec	: For professional use only
Use of the substance/mixture	: Agriculture herbicide
1.2.2. Uses advised against	
No additional information available 1.3. Details of the supplier of the safety	r data abaat
Rotam Agrochemical Company Limited	udia sneet
Unit 6, 26/F, Trend Centre, 29 Cheung Lee Stre T 00852 2896 0662 - F 00852 25586577 msds@rotam.com	eet, Chai Wan, Hong Kong
1.4. Emergency telephone number	
Emergency number	: (86) 532 8388 9090
SECTION 2: Hazards identification	
2.1. Classification of the substance or I	mixture
Classification according to Regulation (EC)	NO. 1272/2008 [CLP]
Hazardous to the aquatic environment — Acute	Hazard, Category 1 H400
Hazardous to the aquatic environment - Chror	nic Hazard, Category 1 H410
Full text of hazard classes and H-statements : s	see section 16
Adverse physicochemical, human health and	d environmental effects
Very toxic to aquatic life with long lasting effects	
, , , ,	-
2.2. Label elements	
Labelling according to Regulation (EC) No. 1	1272/2008 [CLP]
Hazard pictograms (CLP)	
	GHS09
Signal word (CLP)	: Warning
Hazard statements (CLP)	: H410 - Very toxic to aquatic life with long lasting effects
Precautionary statements (CLP)	: P273 - Avoid release to the environment P391 - Collect spillage
	P501 - Dispose of contents/container to hazardous or special waste collection point, in
	accordance with local, regional, national and/or international regulation
2.3. Other hazards	
No additional information available	
SECTION 3: Composition/information	on on ingredients
3.1. Substances	
Not applicable	

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
	(CAS-No.) 74223-64-6 (EC Index-No.) 613-139-00-2	60	Aquatic Acute 1, H400 (M=1000) Aquatic Chronic 1, H410

Full text of H-statements: see section 16

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lo additional information available	7.3. Specific end use(s)	
	No additional information available	

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and	d chemical properties
Physical state	: Solid
Colour	: white.
Odour	: Odourless.
Odour threshold	: No data available
рН	: 6.1
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

nation				
ects				
: Not classified				
> 5000 mg/kg				
> 2000 mg/kg				
> 5 mg/l/4h				
: Not classified				
: Not classified				
: Not classified				
: Not classified				
: Not classified				
: Not classified				
: Not classified				
: Not classified				
: Not classified				
	i Not classified > 5000 mg/kg > 2000 mg/kg > 5 mg/l/4h : Not classified : Not classified			

SECTION 12: Ecological information			
2.1. Toxicity			
Ecology - general	: Very toxic to aquatic life with long lasting effects.		
metsulfuron-methyl (74223-64-6)			
LC50 fish 1	> 150 mg/l (96h, for rainbow trout and bluegill sunfish ,ePM)		
EC50 Daphnia 1	> 120 mg/l (48h,ePM)		
ErC50 (algae)	0.157 mg/l (72h,ePM)		
ErC50 (other aquatic plants)	0.00036 mg/l Lemna gibba(EPM)		
2.2. Persistence and degradability			
No additional information available			
2.3. Bioaccumulative potential			
No additional information available			
2.4. Mobility in soil			
No additional information available			
2.5. Results of PBT and vPvB assessmen	t		
No additional information available			
2.6. Other adverse effects			
No additional information available			
SECTION 13: Disposal considerations	5		
3.1. Waste treatment methods			
Vaste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.		
SECTION 14: Transport information			
n accordance with ADR / RID / IMDG / IATA / AD	N		
4.1. UN number			
JN-No. (ADR)	: 3077		
JN-No. (IMDG)	: 3077		
	: 3077		

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UN-No. (ADN)	: 3077
UN-No. (RID)	: 3077
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Proper Shipping Name (IMDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Proper Shipping Name (IATA)	: Environmentally hazardous substance, solid, n.o.s.
Proper Shipping Name (ADN)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Proper Shipping Name (RID)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
14.3. Transport hazard class(es)	
ADR	
Transport hazard class(es) (ADR)	: 9
Danger labels (ADR)	: 9



: 9

: 9

IMDG

Transport hazard class(es) (IMDG) Danger labels (IMDG)

ΙΑΤΑ

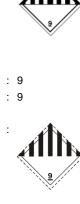
Transport hazard class(es) (IATA) Hazard labels (IATA)

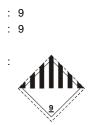
ADN

Transport hazard class(es) (ADN) Danger labels (ADN)

RID

Transport hazard class(es) (RID) Danger labels (RID)





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14.4. Packing group	
Packing group (ADR)	: 111
Packing group (IMDG)	: III
Packing group (IATA)	: III
Packing group (ADN)	: 111
Packing group (RID)	: III
14.5. Environmental hazards	
Dangerous for the environment	: Yes
Marine pollutant	: NV



Other information

: No supplementary information available

14.6. Special precautions for user

- Overland transport	
Classification code (ADR)	: M7
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 5kg
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P002, IBC08, LP02, R001
Special packing provisions (ADR)	: PP12, B3
Mixed packing provisions (ADR)	: MP10
Portable tank and bulk container instructions (ADR)	: T1, BK1, BK2, BK3
Portable tank and bulk container special provisions (ADR)	: TP33
Tank code (ADR)	: SGAV, LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V13
Special provisions for carriage - Bulk (ADR)	: VC1, VC2
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	[:] 90

EAC code

- Transport by sea

Special provisions (IMDG)	:	274, 335, 966, 967, 969
Limited quantities (IMDG)	:	5 kg
Excepted quantities (IMDG)	:	E1
Packing instructions (IMDG)	:	P002, LP02
Special packing provisions (IMDG)	:	PP12
IBC packing instructions (IMDG)	:	IBC08
IBC special provisions (IMDG)	:	B3
Tank instructions (IMDG)	:	T1, BK1, BK2, BK3
Tank special provisions (IMDG)	:	TP33
EmS-No. (Fire)	:	F-A
EmS-No. (Spillage)	:	S-F
Stowage category (IMDG)	:	A
Stowage and handling (IMDG)	:	SW23
	•	01120

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- Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y956
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 956
PCA max net quantity (IATA)	: 400kg
CAO packing instructions (IATA)	: 956
CAO max net quantity (IATA)	: 400kg
Special provisions (IATA)	: A97, A158, A179, A197
ERG code (IATA)	: 9L
- Inland waterway transport	
Classification code (ADN)	: M7
Special provisions (ADN)	: 274, 335, 375, 601
Limited quantities (ADN)	: 5 kg
Excepted quantities (ADN)	: E1
Equipment required (ADN)	: PP, A
Number of blue cones/lights (ADN)	: 0
Additional requirements/Remarks (ADN)	: * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case of transport in bulk.
- Rail transport	
Classification code (RID)	: M7
Special provisions (RID)	: 274, 335, 375, 601
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P002, IBC08, LP02, R001
Special packing provisions (RID)	: PP12, B3
Mixed packing provisions (RID)	: MP10
Portable tank and bulk container instructions (RID)	: T1, BK1, BK2, BK3
Portable tank and bulk container special provisions (RID)	: TP33
Tank codes for RID tanks (RID)	: SGAV, LGBV
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W13
Special provisions for carriage – Bulk (RID)	: VC1, VC2
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Colis express (express parcels) (RID)	: CE11
Hazard identification number (RID)	: 90

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

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany

VwVwS Annex reference		ter hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, nex 4)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV	: Is n	ot subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

Not applicable

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SZW-lijst van kankerverwekkende stoffen	: None of the components are listed
SZW-lijst van mutagene stoffen	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: None of the components are listed

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

SDS EU (REACH Annex II)-170503

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