

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

SDS #: 088160 KUBOTA SUPER UDT

Date of the previous version: not applicable Revision Date: 2017-12-20 Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE

COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name KUBOTA SUPER UDT

NumberG1KSubstance/mixtureMixture

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

**Identified uses** Transmission fluid.

1.3. Details of the supplier of the safety data sheet

Supplier TOTAL LUBRIFIANTS

562 Avenue du Parc de L'ile 92029 Nanterre Cedex

FRANCE

Tél: +33 (0)1 41 35 40 00 Fax: +33 (0)1 41 35 84 71

# For further information, please contact:

Contact Point HSE

E-mail Address rm.msds-lubs@total.com

#### 1.4. Emergency telephone number

Emergency telephone: +44 1235 239670

France - ORFILA (INRS) Tél: +33 (0)1 45 42 59 59

In France - Poison centers:
ANGERS: 02 41 48 21 21
BORDEAUX: 05 56 96 40 80
LILLE: 08 00 59 59 59
LYON: 04 72 11 69 11
MARSEILLE: 04 91 75 25 25
NANCY: 03 83 22 50 50
PARIS: 01 40 05 48 48

STRASBOURG: 03 88 37 37 37 TOULOUSE: 05 61 77 74 47

Section 2: HAZARDS IDENTIFICATION

# 2.1. Classification of the substance or mixture

# **REGULATION (EC) No 1272/2008**



# **KUBOTA SUPER UDT**

Revision Date: 2017-12-20 Version 1

For the full text of the H-Statements mentioned in this Section, see Section 2.2.

#### Classification

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008

# 2.2. Label elements

Labelled according to

REGULATION (EC) No 1272/2008

#### Signal word

None

#### **Hazard Statements**

None

#### **Precautionary Statements**

None

#### **Supplemental Hazard Statements**

EUH210 - Safety data sheet available on request

EUH208 - Contains Benzenesulfonic acid, propenated, calcium salt, overbased. May produce an allergic reaction

# 2.3. Other hazards

Physical-Chemical Properties Contaminated surfaces will be extremely slippery.

**Environmental properties**The product may form an oil film on the water surface that may stop the oxygen exchange.

# Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

# 3.2. Mixture

# Chemical nature Hazardous ingredients

Mineral oil of petroleum origin.

Chemical Name	EC-No	REACH registration	CAS-No	Weight %	Classification (Reg. 1272/2008)
Distillates (petroleum), hydrotreated light paraffinic	265-158-7	01-2119487077-29	64742-55-8	40-<50	Asp. Tox. 1 (H304)
Distillates (petroleum), solvent-dewaxed heavy paraffinic	265-169-7	01-2119471299-27	64742-65-0	3-<5	Asp. Tox. 1 (H304)
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)	224-235-5	01-2119493635-27	4259-15-8	1-<2.5	Aquatic Chronic 2 (H411) Eye Dam. 1 (H318)
Benzenesulfonic acid, propenated, calcium salt, overbased	271-877-7	-	68610-84-4	1-<2.5	Skin Sens. 1 (H317) Aquatic Chronic 4 (H413)

**Additional information** 

Product containing mineral oil with less than 3% DMSO extract as measured by IP 346.



# **KUBOTA SUPER UDT**

Revision Date: 2017-12-20 Version 1

For the full text of the H-Statements mentioned in this Section, see Section 16.

Section 4: FIRST AID MEASURES

4.1. Description of first-aid measures

General advice IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR

EMERGENCY MEDICAL CARE.

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and

continue flushing for at least 15 minutes. Keep eye wide open while rinsing.

**Skin contact** Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes. Wash contaminated clothing before reuse. High pressure jets may

cause skin damage. Take victim immediately to hospital.

**Inhalation** Remove casualty to fresh air and keep at rest in a position comfortable for breathing. If not

breathing, give artificial respiration.

**Ingestion** Clean mouth with water. Do NOT induce vomiting. Never give anything by mouth to an

unconscious person. Call a physician or Poison Control Center immediately.

Protection of First-aiders First aider needs to protect himself. See Section 8 for more detail. Do not use

mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper

respiratory medical device.

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

Eye contact Not classified based on available data. The supplier of some components contained within

this formulation has indicated that the classification as irritant is not required.

**Skin contact** Not classified based on available data. May produce an allergic reaction. High pressure

injection of the products under the skin may have very serious consequences even though

no symptom or injury may be apparent.

**Inhalation** Not classified based on available data. Inhalation of vapors in high concentration may

cause irritation of respiratory system.

**Ingestion** Not classified based on available data. Ingestion may cause gastrointestinal irritation,

nausea, vomiting and diarrhea.

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

Notes to physician Treat symptomatically.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media



# **KUBOTA SUPER UDT**

Revision Date: 2017-12-20 Version 1

Suitable Extinguishing Media Carbon dioxide (CO<sub>2</sub>). ABC powder. Foam. Water spray or fog.

**Unsuitable Extinguishing Media**Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Special Hazard Incomplete combustion and thermolysis may produce gases of varying toxicity such as

carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration. Combustion

products include sulphur oxides ( SO2 and SO3 ) and Hydrogen sulphide H2S.

Phosphorous oxides. Mercaptans. Zinc oxides. Silicon dioxide.

5.3. Advice for fire-fighters

Special protective equipment for

fire-fighters

Wear self-contained breathing apparatus and protective suit.

Other information Cool containers / tanks with water spray. Fire residues and contaminated fire extinguishing

water must be disposed of in accordance with local regulations.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

General Information Do not touch or walk through spilled material. Contaminated surfaces will be extremely

slippery. Use personal protective equipment. Ensure adequate ventilation. Remove all

sources of ignition.

6.2. Environmental precautions

**General Information**Do not allow material to contaminate ground water system. Prevent entry into waterways,

sewers, basements or confined areas. Local authorities should be advised if significant

spillages cannot be contained.

6.3. Methods and material for containment and cleaning up

Methods for containment Dike to collect large liquid spills. If necessary dike the product with dry earth, sand or

similar non-combustible materials.

Methods for cleaning up Dispose of contents/container in accordance with local regulation. In case of soil

contamination, remove contaminated soil for remediation or disposal, in accordance with

local regulations.

6.4. Reference to other sections

Personal Protective Equipment See Section 8 for more detail.

Waste treatment See section 13.

Section 7: HANDLING AND STORAGE



# **KUBOTA SUPER UDT**

Revision Date: 2017-12-20 Version 1

# 7.1. Precautions for safe handling

Advice on safe handling For personal protection see section 8. Use only in well-ventilated areas. Do not breathe

vapors or spray mist. Avoid contact with skin, eyes and clothing.

**Prevention of fire and explosion** Take precautionary measures against static discharges.

Hygiene measures Ensure the application of strict rules of hygiene by the personnel exposed to the risk of

contact with the product. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Regular cleaning of equipment, work area and clothing is recommended. Do not use abrasives, solvents or fuels. Do not dry hands with rags that have been contaminated with product. Do not put product

contaminated rags into workwear pockets.

# 7.2. Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions

Keep away from food, drink and animal feedingstuffs. Keep in a bunded area. Keep container tightly closed. Keep preferably in the original container. Otherwise reproduce all indication of the regulation label on the new container. Do not remove the hazard labels of the containers (even if they are empty). Design the installations in order to avoid accidental emissions of product (due to seal breakage, for example) onto hot casings or electrical contacts. Store at room temperature. Protect from moisture.

Materials to Avoid Strong oxidizing agents.

7.3. Specific end uses

**Specific use(s)** Please refer to Technical Data Sheet for further information.

#### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

# 8.1. Control parameters

**Exposure limits** Mineral oil mist:

USA: OSHA (PEL) TWA 5 mg/m3, NIOSH (REL) TWA 5 mg/m3, STEL 10 mg/m3, ACGIH

(TLV) TWA 5 mg/m<sup>3</sup> (highly refined)

**Legend** See section 16

#### **Derived No Effect Level (DNEL)**

#### **DNEL Worker (Industrial/Professional)**

DIVER WORKER (III dastila	BNEE Worker (Industrial) Tolessional)				
Chemical Name	Short term, systemic	Short term, local effects	Long term, systemic	Long term, local effects	
	effects		effects		
Distillates (petroleum),				5.4 mg/m <sup>3</sup> /8h (aerosol -	
hydrotreated light				inhalation)	
paraffinic					
64742-55-8					
Distillates (petroleum),				5.4 mg/m <sup>3</sup> /8h (aerosol -	
solvent-dewaxed heavy				inhalation)	



Revision Date: 2017-12-20 Version 1

paraffinic 64742-65-0			
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) 4259-15-8		9.6 mg/kg bw/day Dermal 6.6 mg/m³ Inhalation	
Benzenesulfonic acid, propenated, calcium salt, overbased 68610-84-4	668 mg/m³ inhalation 100 mg/kg bw/day dermal	25.55 mg/m³ inhalation 8.33 mg/kg bw/day dermal	

**DNEL Consumer** 

Chemical Name	Short term, systemic effects	Short term, local effects	Long term, systemic effects	Long term, local effects
Distillates (petroleum), hydrotreated light paraffinic 64742-55-8				1.2 mg/m³/24h (aerosol - inhalation)
Distillates (petroleum), solvent-dewaxed heavy paraffinic 64742-65-0				1.2 mg/m³/24h (aerosol - inhalation)
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) 4259-15-8			4.8 mg/kg bw/day Dermal 1.67 mg/m³ Inhalation 0.19 mg/kg/bw/day Oral	
Benzenesulfonic acid, propenated, calcium salt, overbased 68610-84-4	267.2 mg/m³ inhalation 50 mg/kg bw/day dermal 50 mg/kg bw/day oral		11.8 mg/m³ inhalation 4.17 mg/kg bw/day dermal 1.7 mg/kg bw/day oral	

# Predicted No Effect Concentration (PNEC)

Chemical Name	Water	Sediment	Soil	Air	STP	Oral
Zinc	0.004 mg/l fw	0.0701 mg/kg dw	0.0548 mg/kg dw		3.8 mg/l	8.33 mg/kg food
bis[O,O-bis(2-ethylh	0.0046 mg/l mw	fw				
exyl)]	0.044 mg/l ir	0.00701 mg/kg				
bis(dithiophosphate)		dw mw				
4259-15-8						
Benzenesulfonic	1 mg/l fw	43500 mg/kg dw	8850 mg/kg dw		1000 mg/l	33.333 mg/kg
acid, propenated,	1 mg/l mw	fw				food
calcium salt,	10 mg/l or	3480 mg/kg dw				
overbased		mw				
68610-84-4						

# 8.2. Exposure controls

# **Occupational Exposure Controls**

# **Engineering Measures**

Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.



Revision Date: 2017-12-20 Version 1

**Personal Protective Equipment** 

General Information Protective engineering solutions should be implemented and in use before personal

protective equipment is considered. The personal protective equipment (PPE)

recommendations apply to the product ITSELF. In case of mixtures or formulations, it is

suggested that you contact the relevant PPE suppliers.

**Respiratory protection**None under normal use conditions. When workers are facing concentrations above the

exposure limit they must use appropriate certified respirators. Respirator with combination filter for vapour/particulate (EN 14387). Type A/P1. Warning! filters have a limited use duration. The use of breathing apparatus must comply strictly with the manufacturer's

instructions and the regulations governing their choices and uses.

**Eye Protection** If splashes are likely to occur, wear:. Safety glasses with side-shields. EN 166.

**Skin and body protection** Wear suitable protective clothing. Protective shoes or boots. Long sleeved clothing. Type

4/6

Hand Protection Hydrocarbon-proof gloves. Fluorinated rubber. Nitrile rubber. In case of prolonged contact

with the product, it is recommended to wear gloves complying with EN 420 and EN 374 standards, protecting at least for 480 minutes and having a thickness of 0,38 mm at least. These values are indicative only. The level of protection is provided by the material of the glove, its technical characteristics, its resistance to the chemicals to be handled, the appropriateness of its use and its replacement frequency. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is

used, such as the danger of cuts, abrasion, and the contact time.

**Environmental exposure controls** 

**General Information** The product should not be allowed to enter drains, water courses or the soil.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

AppearancelimpidColorlight brown

Physical State @20°C liquid
Odor Characteristic

Odor Threshold No information available

Property Values Remarks Method

**pH** Not applicable

Melting point/range No information available

Boiling point/boiling range No information available

Flash point 217 °C Cleveland Open Cup (COC) 423 °F Cleveland Open Cup (COC)

**Evaporation rate**No information available



Revision Date: 2017-12-20 Version 1

ISO 3104

Flammability Limits in Air

upperNo information availableLowerNo information availableVapor PressureNo information availableVapor densityNo information available

Solubility in other solventsNo information availablelogPowNo information availableAutoignition temperatureNo information available

Decomposition temperatureNo information availableViscosity, kinematic40 mm2/s@ 40 °C

Explosive properties Not explosive Oxidizing Properties Not applicable

Possibility of hazardous reactions 
None under normal processing

9.2. Other information

Freezing Point No information available

# Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

**General Information** None under normal processing.

10.2. Chemical stability

Stability Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

**Hazardous Reactions** No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Conditions to avoid Keep away from open flames, hot surfaces and sources of ignition. Keep away from heat

and sparks.

10.5. Incompatible materials

Materials to Avoid Strong oxidizing agents.

10.6. Hazardous Decomposition Products

**Hazardous Decomposition Products** Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. Phosphorous



# **KUBOTA SUPER UDT**

Revision Date: 2017-12-20 Version 1

oxides. Mercaptans. Combustion products include sulphur oxides ( SO2 and SO3 ) and Hydrogen sulphide H2S. Zinc oxides. Silicon dioxide.

# Section 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

#### Acute toxicity Local effects Product Information

Skin contact . Not classified based on available data. May produce an allergic reaction. High pressure

injection of the products under the skin may have very serious consequences even though

no symptom or injury may be apparent.

Eye contact . Not classified based on available data. The supplier of some components contained

within this formulation has indicated that the classification as irritant is not required.

Inhalation . Not classified based on available data. Inhalation of vapors in high concentration may

cause irritation of respiratory system.

**Ingestion** . Not classified based on available data. Ingestion may cause gastrointestinal irritation,

nausea, vomiting and diarrhea.

ATEmix (inhalation-dust/mist)
ATEmix (inhalation-vapor)

10.40 mg/l 350.60 mg/l

# Acute toxicity - Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Distillates (petroleum), hydrotreated light	LD50 > 5000 mg/kg bw (rat -	LD50 > 5000 mg/kg bw (rabbit -	LC50 (4h) > 5 mg/l (aerosol) (rat -
paraffinic	OECD 420)	OECD 402)	OECD 403)
Distillates (petroleum), solvent-dewaxed	LD50 > 5000 mg/kg bw (rat -	LD50 > 5000 mg/kg bw (rabbit -	LC50 (4h) > 5.53 mg/l (aerosol)
heavy paraffinic	OECD 420)	OECD 402)	(rat - OECD 403)
Zinc bis[O,O-bis(2-ethylhexyl)]	LD50 3100 mg/kg (Rat - OECD	LD50 > 5000 mg/kg (Rabbit -	
bis(dithiophosphate)	401)	OECD 402)	
Benzenesulfonic acid, propenated, calcium	LD50 > 5000 mg/kg (Rat - OECD	LD50 > 5000 mg/kg (Rat - OECD	
salt, overbased	423)	402)	

# Sensitization

Sensitization Not classified based on available data. The supplier of one of the components contained

within this formulation has indicated that they have data, which confirms that at the concentration used, no sensitisation classification is required. Contains sensitizer(s). May

produce an allergic reaction.

Specific effects

Carcinogenicity Mutagenicity Not classified based on available data.

Germ Cell Mutagenicity Not classified based on available data.

Reproductive toxicity Not classified based on available data.

**Repeated Dose Toxicity** 



# **KUBOTA SUPER UDT**

Revision Date: 2017-12-20 Version 1

**Target Organ Effects (STOT)** 

Specific target organ systemic toxicity (single exposure)

Not classified based on available data.

Specific target organ systemic toxicity (repeated exposure)

Not classified based on available data.

Aspiration toxicity Not classified based on available data.

Other information

Other adverse effects Characteristic skin lesions (pimples) may develop following prolonged and repeated

exposures (contact with contaminated clothing).

# Section 12: ECOLOGICAL INFORMATION

# 12.1. Toxicity

Not classified based on available data.

# Acute aquatic toxicity - Product Information

No information available.

# Acute aquatic toxicity - Component Information

Chemical Name	Toxicity to algae	Toxicity to daphnia and other aquatic invertebrates	Toxicity to fish	Toxicity to microorganisms
Distillates (petroleum), hydrotreated light paraffinic 64742-55-8	EL50 (72h) > 100 mg/l (Pseudokirchneriella subcapitata - OCDE 201)	EL50 (48h) > 10000 mg/L (Daphnia magna - OCDE 202)	LL50 (96h) > 100 mg/L (Oncorhynchus mykiss - OCDE 203)	
Distillates (petroleum), solvent-dewaxed heavy paraffinic 64742-65-0		EL50 (48h) > 10000 mg/l (Daphnia magna - OECD 202)	LL50 (96h) > 100 mg/l (Oncorhynchus mykiss - OECD 203)	
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) 4259-15-8	EC50 (72h) > 240 mg/L (Desmodesmus subspicatus)	EC50(48h) 75 mg/l	LC50(96h) 46 mg/l	
Benzenesulfonic acid, propenated, calcium salt, overbased 68610-84-4	LC50 (72h) 1000 mg/l (Pseudokirchnerella subcapitata - static)	EL50 (48h) > 1000 mg/l (Daphnia magna - static)	LC50 (96h) 100 mg/l (Oncorhynchus mykiss - semi static - OECD 203)	

#### Chronic aquatic toxicity - Product Information

No information available.

# Chronic aquatic toxicity - Component Information

Chemical Name	Toxicity to algae	Toxicity to daphnia and	Toxicity to fish	Toxicity to
		other aquatic invertebrates		microorganisms



Revision Date: 2017-12-20 Version 1

Distillates (petroleum),	NOEL (21d) 10 mg/l	NOEL (14/28d) >1000 mg/l	
hydrotreated light paraffinic	(Daphnia magna - OCDE	(Oncorhynchus mykiss -	
64742-55-8	211)	QSAR Petrotox)	
Distillates (petroleum),	NOEL (21d) 10 mg/l	NOEL (14/28d) > 1000 mg/l	
solvent-dewaxed heavy	(Daphnia magna - OECD	(Oncorhynchus mykiss -	
paraffinic	211)	QSAR Petrotox)	
64742-65-0			
Zinc	NOEC(21d) 0.4-0.8 mg/l		
bis[O,O-bis(2-ethylhexyl)]			
bis(dithiophosphate)			
4259-15-8			
Benzenesulfonic acid,	NOELR (48h) 1.8 mg/l		
propenated, calcium salt,	(Daphnia magna - OECD		
overbased	202)		
68610-84-4			

#### Effects on terrestrial organisms

No information available.

# 12.2. Persistence and degradability

#### **General Information**

No information available.

# 12.3. Bioaccumulative potential

**Product Information** No information available.

logPow No information available

**Component Information** 

compensation :				
Chemical Name	log Pow			
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) - 4259-15-8	3.59			

# 12.4. Mobility in soil

Soil Given its physical and chemical characteristics, the product generally shows low soil

mobility.

Air Loss by evaporation is limited.

Water The product is insoluble and floats on water.

# 12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment No information available.

# 12.6. Other adverse effects

**General Information** No information available.

# Section 13: DISPOSAL CONSIDERATIONS



# **KUBOTA SUPER UDT**

Revision Date: 2017-12-20 Version 1

# 13.1. Waste treatment methods

Waste from Residues / Unused

**Products** 

Should not be released into the environment. Do not empty into drains. Dispose of in accordance with the European Directives on waste and hazardous waste. Where possible recycling is preferred to disposal or incineration. After use, this oil must be sent to a licensed waste oil facility. Incorrect disposal of used oil poses a risk to the environment. Mixture with other waste types such as solvents, brake- and cooling liquids is forbidden.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or

disposal.

**EWC Waste Disposal No.** According to the European Waste Catalogue, Waste Codes are not product specific, but

application specific. Waste codes should be assigned by the user based on the application for which the product was used. The following Waste Codes are only suggestions:. 13 02

05.

Other information Refer to section 8 for safety and protective measures for disposal personnel.

# Section 14: TRANSPORT INFORMATION

ADR/RID Not regulated

IMDG/IMO Not regulated

ICAO/IATA Not regulated

ADN Not regulated

# Section 15: REGULATORY INFORMATION

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

European Union

Further information

No information available

#### 15.2. Chemical Safety Assessment

Chemical Safety Assessment No information available



# **KUBOTA SUPER UDT**

Revision Date: 2017-12-20 Version 1

# Section 16: OTHER INFORMATION

#### Full text of H-Statements referred to under sections 2 and 3

H304 - May be fatal if swallowed and enters airways

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H411 - Toxic to aquatic life with long lasting effects

H413 - May cause long lasting harmful effects to aquatic life

#### Abbreviations, acronyms

ACGIH = American Conference of Governmental Industrial Hygienists

bw = body weight

bw/day = body weight/day

EC x =Effect Concentration associated with x% response

GLP = Good Laboratory Practice

IARC = International Agency for Research of Cancer

LC50 = 50% Lethal concentration - Concentration of a chemical in air or a chemical in water which causes the death of 50% (one half) of a group of test animals

LD50 = 50% Lethal Dose - Chemical amount, given at once, which causes the death of 50% (one half) of a group of test animals

LL = Lethal Loading

NIOSH = National Institute of Occupational Safety and Health

NOAEL = No Observed Adverse Effect Level

NOEC = No Observed Effect Concentration

NOEL = No Observed Effect Level

OECD = Organization for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

UVCB = Substance of unknown or Variable composition, Complex reaction products or Biological material

DNEL = Derived No Effect Level

PNEC = Predicted No Effect Concentration

dw = dry weight

fw = fresh water

mw = marine water

or = occasional release

#### Legend Section 8

TWA: Time Weight Average STEL: Short Time Exposure Limit PEL: Permissible exposure limit REL: Recommended exposure limit

TLV: Threshold Limit Values

+ Sensitizer \* Skin designation

\*\* A Skin designation

C: Carcinogen

M: Mutagen R: Toxic to reproduction

**Revision Date:** 2017-12-20

**Revision Note** \*\*\* Indicates updated section.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

This safety data sheet serves to complete but not to replace the technical product sheets. The information contained



\_\_\_\_\_

**SDS #:** 088160

# **KUBOTA SUPER UDT**

Revision Date: 2017-12-20 Version 1

herein is given in good faith and is accurate to the best of knowledge at the date indicated above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk. The information given herein in no way dispenses the user from knowing and applying all provisions regulating his activity. The user bears sole liability for the precautions required when using the product. The regulatory texts indicated herein are intended to aid the user to fulfil his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned.

**End of the Safety Data Sheet**