SAFETY DATA SHEET

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

ShellSol 16

Version	Revision Date:	SDS Number:	Print Date: 12/01/2023
2.1	11/24/2023	800001033963	Date of last issue: 05.05.2010

SECTION 1. IDENTIFICATION

Product name : ShellSol 16

Product code : Q7711

Synonyms : ShellSol 1495

CAS-No. : 64742-82-1

Manufacturer or supplier's details

Company : **Shell Chemicals Europe B.V.**
PO Box 2334
3000 CH Rotterdam
Netherlands

SDS Request : 1-800-240-6737

Customer Service : 1-855-697-4355 +31 (0)10 441 5137 / +31 (0)10 441 5191

Emergency telephone number

Chemtrec Domestic (24 hr) : 1-800-424-9300

Chemtrec International (24 hr) : 1-703-527-3887
+44 (0) 1235 239 670 (This telephone number is available 24 hours per day, 7 days per week)

SECTION 2. HAZARDS IDENTIFICATION

Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

Hazardous components

Chemical name	Synonyms	CAS-No.	Concentration (% w/w)
naphtha (petroleum), hydrodesulphurized heavy	Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1	<= 100

SECTION 4. FIRST-AID MEASURES

Most important symptoms : None known.

and effects, both acute and delayed

SECTION 5. FIRE-FIGHTING MEASURES

SECTION 6. ACCIDENTAL RELEASE MEASURES

SECTION 7. HANDLING AND STORAGE

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Stoddard Solvent	8052-41-3	TWA	100 ppm	ACGIH

Biological occupational exposure limits

No biological limit allocated.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid.
Colour	:	colourless
Odour	:	Paraffinic
pH	:	Not applicable
Boiling point/boiling range	:	Typical 145 - 300 °C / 293 - 572 °F
Flash point	:	Typical 38 °C / 100 °F

Flammability
Lower explosion limit and upper explosion limit / flammability limit

Relative vapour density	:	4.5
Relative density	:	no data available
Density	:	Typical 775 - 840 kg/m3 (15 °C / 59 °F) Method: ASTM D4052

SECTION 10. STABILITY AND REACTIVITY

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Acute toxicity

Skin corrosion/irritation

Serious eye damage/eye irritation

Respiratory or skin sensitisation

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

STOT - single exposure

STOT - repeated exposure

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

naphtha (petroleum), hydrodesulphurized heavy:

Toxicity to fish (Acute toxicity)	:	LC50 (Pimephales promelas (fathead minnow)): 8.2 mg/l Exposure time: 96 h Method: Test(s) equivalent or similar to OECD Guideline 203
Toxicity to daphnia and other aquatic invertebrates (Acute toxicity)	:	EC50 (Daphnia magna (Water flea)): 4.5 mg/l Exposure time: 48 h
Toxicity to algae (Acute toxicity)	:	EC50 (Raphidocelis subcapitata (freshwater green alga)): 3.1 mg/l Exposure time: 72 h Method: Test(s) equivalent or similar to OECD Test Guideline 201 NOEL (Raphidocelis subcapitata (freshwater green alga)): 0.5 mg/l Exposure time: 72 h Method: Test(s) equivalent or similar to OECD Test Guideline 201
Toxicity to fish (Chronic toxicity)	:	Remarks: Data not available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC (Daphnia magna (Water flea)): 2.6 mg/l Exposure time: 21 d Method: Test(s) equivalent or similar to OECD Guideline 211

Persistence and degradability

Components:

naphtha (petroleum), hydrodesulphurized heavy:

Biodegradability	:	Remarks: Data not available

Bioaccumulative potential

Components:

naphtha (petroleum), hydrodesulphurized heavy:

Bioaccumulation	:	Remarks: Data not available

Mobility in soil

no data available

Other adverse effects

no data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

SECTION 14. TRANSPORT INFORMATION

National Regulations

International Regulations

IATA-DGR

UN/ID No.	:	UN 3295
Proper shipping name	:	HYDROCARBONS, LIQUID, N.O.S.
Class	:	3
Packing group	:	III
Labels	:	3

IMDG-Code

UN number	:	UN 3295
Proper shipping name	:	HYDROCARBONS, LIQUID, N.O.S. (Petroleum naphtha)
Class	:	3
Packing group	:	III
Labels	:	3
Marine pollutant	:	no

Maritime transport in bulk according to IMO instruments

MARPOL Annex 1 rules apply for bulk shipments by sea.

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION

*: **SECTION 16. OTHER INFORMATION**

Further information

Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
ACGIH / TWA	:	8-hour, time-weighted average
Abbreviations and Acronyms	:	The standard abbreviations and acronyms used in this document can be looked up in reference literature (e.g. scientific dictionaries) and/or websites. ACGIH = American Conference of Governmental Industrial Hygienists ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road AICS = Australian Inventory of Chemical Substances ASTM = American Society for Testing and Materials BEL = Biological exposure limits BTEX = Benzene, Toluene, Ethylbenzene, Xylenes CAS = Chemical Abstracts Service CEFIC = European Chemical Industry Council CLP = Classification Packaging and Labelling COC = Cleveland Open-Cup DIN = Deutsches Institut fur Normung DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level DSL = Canada Domestic Substance List EC = European Commission EC50 = Effective Concentration fifty ECETOC = European Center on Ecotoxicology and Toxicology Of Chemicals ECHA = European Chemicals Agency EINECS = The European Inventory of Existing Commercial Chemical Substances EL50 = Effective Loading fifty ENCS = Japanese Existing and New Chemical Substances Inventory EWC = European Waste Code GHS = Globally Harmonised System of Classification and Labelling of Chemicals IARC = International Agency for Research on Cancer IATA = International Air Transport Association IC50 = Inhibitory Concentration fifty IL50 = Inhibitory Level fifty

IMDG = International Maritime Dangerous Goods
INV = Chinese Chemicals Inventory
IP346 = Institute of Petroleum test method N° 346 for the determination of polycyclic aromatics DMSO-extractables
KECI = Korea Existing Chemicals Inventory
LC50 = Lethal Concentration fifty
LD50 = Lethal Dose fifty per cent.
LL/EL/IL = Lethal Loading/Effective Loading/Inhibitory loading
LL50 = Lethal Loading fifty
MARPOL = International Convention for the Prevention of Pollution From Ships
NOEC/NOEL = No Observed Effect Concentration / No Observed Effect Level
OE_HPV = Occupational Exposure - High Production Volume
PBT = Persistent, Bioaccumulative and Toxic
PICCS = Philippine Inventory of Chemicals and Chemical Substances
PNEC = Predicted No Effect Concentration
REACH = Registration Evaluation And Authorisation Of Chemicals
RID = Regulations Relating to International Carriage of Dangerous Goods by Rail
SKIN_DES = Skin Designation
STEL = Short term exposure limit
TRA = Targeted Risk Assessment
TSCA = US Toxic Substances Control Act
TWA = Time-Weighted Average
vPvB = very Persistent and very Bioaccumulative

Revision Date : 11/24/2023

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