

Material Safety Data Sheet

(In accordance with 1907/2006 - An. II)

W61479 - Brake and Clutch Cleaner (Aerosol)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

W61479 - Brake and Clutch Cleaner (Aerosol)

USE OF THE SUBSTANCE/PREPARATION

Solvent.

COMPANY IDENTIFICATION

COMPANY Wynn Oil U.K.
 ADDRESS Express Business Park - Northampton Road
 NN10 6GL RUSHDEN
 TEL 01933 354 596
 FAX 01933 354 555
 WEBSITE <http://www.wynns.uk.com>
 E-MAIL helpline@wynns.uk.com
 EMERGENCY TELEPHONE NUMBER
 EMERGENCY TELEPHONE NUMBER BIG: +32(0)14/58.45.45

2. HAZARDS IDENTIFICATION



F+ -
extremely
flammable



Xi - irritant



N -
dangerous
for the
environment

HAZARDS FOR HUMANS AND THE ENVIRONMENT

Extremely flammable - Irritating to skin - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment - Vapours may cause drowsiness and dizziness

OTHER DANGERS

3. COMPOSITION/INFORMATION ON INGREDIENTS

INFORMATION ON INGREDIENTS

NAME	CAS NO	EI NECS/ELINCS	MIN/MAX	SYMBOL	R-PHRASES
Naphtha (petroleum), hydrodesulfurized light, dearomatized: Low boiling point naphtha - unspecified	92045-53-9	295-434-2	25 < C < 50 %	F,Xn,N	R11, R38, R51/53, R65, R67
Naphtha (petroleum), hydrotreated light: Low boiling point hydrogen treated naphtha	64742-49-0	265-151-9	25 < C < 50 %	F,Xn,N	R11, R38, R51/53, R65, R67
acetone: propan-2-one: propanone	67-64-1	200-662-2	10 < C < 20 %	F,XI	R11, R36, R66, R67
carbon dioxide (CO2)	124-38-9	204-696-9	< 5 %		
ethanol: ethyl alcohol	64-17-5	200-578-6	10 < C < 20 %	F	R11

4. FIRST AID MEASURES

IN GENERAL

Check the vital functions
 Unconscious: maintain adequate airway and respiration
 Respiratory arrest: artificial respiration or oxygen
 Cardiac arrest: perform resuscitation
 Victim conscious with laboured breathing: half-seated
 Victim in shock: on his back with legs slightly raised
 Vomiting: prevent asphyxia/aspiration pneumonia
 Prevent cooling by covering the victim (no warming up)

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Keep watching the victim
Give psychological aid
Keep the victim calm, avoid physical strain
Depending on the victim's condition: doctor/hospital

INHALATION

Remove the victim into fresh air
Respiratory problems: consult a doctor/medical service

SKIN

wash immediately with plenty of water and soap
Take victim to a doctor if irritation persists

EYES

Rinse immediately with plenty of water
Take victim to an ophthalmologist if irritation persists

INGESTION

Not applicable

5. FIRE-FIGHTING MEASURES

EXTINGUISH. AGENTS-FIRE FIGHTING INSTR.

FIRE EXTINGUISHING MEDIA

Water spray
AFFF/AR-foam

FIREFIGHTING INSTRUCTIONS:

Take account of environmentally hazardous firefighting water
If exposed to fire cool the closed containers by
All extinguishing media allowed
Physical explosion risk: extinguish/cool from behind cover
Solid water jet ineffective as extinguishing medium

FIRE HAZARD

Extremely flammable
Gas/vapour flammable with air within explosion limits
Fire/heat: explosive hazard bigger than fire hazard

EXPLOSION HAZARD

Aerosol may explode under the effect of heat

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION

Gloves
Safety glasses
Protective clothing
Large spills/in enclosed spaces: compressed air apparatus
Heat/fire exposure: compressed air/oxygen apparatus

GENERAL MEASURES

Mark the danger area - Stop engines and no smoking - No naked flames or sparks - Spark- and explosionproof appliances and lighting equipment - Prevent soil and water pollution - Prevent spreading in sewers - Exposure to fire/heat: keep upwind - Exposure to fire/heat: consider evacuation - Exposure to heat: seal off low-lying areas - Exposure to heat: have neighbourhood close doors and windows - Wash contaminated clothes

LEAK

NO open flames, NO sparks
Mark the danger area

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DISPOSAL

Take up liquid spill into inert absorbent material
Scoop absorbed substance into closing containers
Carefully collect the spill/leftovers
Wash clothing and equipment after handling

7. HANDLING AND STORAGE

HANDLING THE PRODUCT

Comply with the legal requirements
Carry operations in the open/under local exhaust/ventilation or with respiratory protection
Observe normal hygiene standards
Remove contaminated clothing immediately
Clean contaminated clothing
Use spark-/explosionproof appliances and lighting system
Keep away from naked flames/heat
Keep away from ignition sources/sparks

STORAGE

STORAGE AREA

Store at ambient temperature - Keep out of direct sunlight - Fireproof storeroom - Ventilation at floor level - Provide for a tub to collect spills - Meet the legal requirements

STORAGE TEMPERATURE

< 45°C

CONTAINERS

CONTAINERS : MATERIAL SELECTION aerosol

CONTAINERS : REQUIREMENTS correctly labelled

meet the legal requirements

SPECIFIC APPLICATIONS

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VME/VLE

PRODUCT NAME	VME (PPM)	VME (MG/M ³)	VLE (PPM)	VLE (MG/M ³)
ethanol	1000	1900	5000	9500

PERSONAL PROTECTION

Gloves
Safety glasses
Insufficient ventilation: wear respiratory protection

ENVIRONMENTAL PROTECTION EQUIPMENT

MATERIALS FOR PROTECTIVE CLOTHING

GIVE GOOD RESISTANCE:

nitrile rubber

neoprene

GIVE POOR RESISTANCE:

natural rubber

PVC

9. PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

STATE OF AGGREGATION

Liquid
Liquid, under gas pressure

ODOUR

characteristic odour

SOLUBILITY IN WATER

partly soluble

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OTHER PROPERTIES

Emulsifiable in water, Physical and chemical properties of the active product without gas., The physical and chemical data in this section are typical values for this product and are not intended as product specifications.

VALUES OF PHYSICAL PROPERTIES

MELTING POINT	< -20 °C	BOILING POINT	56-95 °C
SPECIFIC GRAVITY	704 kg/m ³	RELATIVE GAS DENSITY	N.A.
VAPOUR PRESSURE	190 hPa @ 20 °C		

HAZARDS FOR EXPLOSION AND FIRE

FLASHPOINT	-18 °C
AUTO-IGNITION TEMPERATURE	370 °C

EXPLOSION RISK

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions

CHEMICAL REACTIONS

Upon combustion CO and CO₂ are formed

PROHIBITIONS ON MIXED STORAGE

KEEP SUBSTANCE AWAY FROM:
heat sources
ignition sources

HAZARDOUS DECOMPOSITION PRODUCTS

11. TOXICOLOGICAL INFORMATION

VALUES OF CHRONIC TOXICITY

TOXICITY

Harmful: may cause lung damage if swallowed - Irritant to the skin - Moderately irritant for eyes - Slightly irritant to respiratory organs

EFFECTS/SYMPTOMS

SYMPTOMS/INJURIES AFTER SKIN CONTACT

Red skin
Dry skin
Tingling/irritation of the skin

SYMPTOMS/INJURIES AFTER INHALATION

Irritation of the respiratory tract
Nausea
Dizziness
Disturbances of consciousness
CNS depression

SYMPTOMS/INJURIES AFTER EYE CONTACT

Redness of the eye tissue
Irritation of the eye tissue

12. ECOLOGICAL PROPERTIES

MOBILITY

ECOLOGY - GENERAL

According to literature: environmental hazard

ECOLOGY - WATER

Contains ground water contaminating component(s)
Water pollutant (surface water)
Literature reports: toxic to aquatic organisms
Literature reports may cause long-term adverse effects in the aquatic environment

13. DISPOSAL CONSIDERATIONS

Hazardous waste (91/689/EEC)

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Remove to an authorized plant for the destruction,
neutralization and elimination of hazardous waste
Use appropriate containment to avoid environmental
contamination

PACKAGING/CONTAINER

Waste material code packaging (91/689/EEC, Council Decision
2001/118/EC, O.J. L47 of 16/2/2001):

15 01 10*

packaging containing residues of or contaminated by
dangerous substances

DISPOSAL CODE

Package	
Plastic	15.01.10*
Metal	15.01.11*
Product	
Oil additives	12.01.12*
Fuel additives	14.06.03*
Aqueous solutions	20.01.29*
Airco-cleaner	20.01.19

14. TRANSPORT INFORMATION

UN number 1950

UN 1950 AEROSOLS, 2.1 (N)

ROAD (ADR)

ADR CLASS 2

ADR CLASSIFICATION CODE
ADR SYMBOL

5F



2.1 black -
Flammable gases



N -
Environmentally
hazardous
substance

STATE DURING TRANSPORT (ADR-RID) Tunnel restriction code (8.6): (D)

SEA (IMDG)

IMDG CLASS 2.1

MARINE POLLUTANT /

IMDG SUBS. RISKS -

EMS NUMBER

F-E, S-D

AIR (IATA/ICAO)

ICAO CLASS 2.1

ICAO INSTRUCTION PASSENGER
309/Y309

ICAO INSTRUCTION CARGO 310

ICAO SUBS. RISKS -

15. REGULATORY INFORMATION

W61479 - Brake and Clutch Cleaner (Aerosol)

Classification and labelling according to the directives 67/548/EEC, 1999/45/EC, 98/8/EC and Regulation (EC) 648/2004.

NAME OF THE COMPONENTS DETERMINING THE DANGER

NAME	CAS NO
Naphtha (petroleum), hydrodesulfurized light, dearomatized; Low boiling point naphtha - unspecified	92045-53-9
Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha	64742-49-0

SYMBOL



F+ -
extremely
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Xi - irritant



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R-PHRASES

R12 - Extremely flammable
R38 - Irritating to skin
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-PHRASES

R67 - Vapours may cause drowsiness and dizziness
S2 - Keep out of reach of children
S16 - Keep away from sources of ignition - No smoking
S23.8 - Do not breathe vapour/spray
S51 - Use only in well ventilated area

ADDITIONAL RISK PHRASES

96 - Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use
97 - Do not spray on a naked flame or any incandescent material
300 - Without adequate ventilation formation of explosive mixtures may be possible.

SURFACTANTS

SURFACTANTS: >30% aliphatic hydrocarbons

16. OTHER INFORMATION

R-PHRASES

R11 - Highly flammable
R36 - Irritating to eyes
R38 - Irritating to skin
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65 - Harmful: may cause lung damage if swallowed
R66 - Repeated exposure may cause skin dryness or cracking
R67 - Vapours may cause drowsiness and dizziness

REVISION

§§ 5,6,11,12,14,15

Sources of key data used: Raw material suppliers' data sheets were used as key data sources in the preparation of this safety data sheet.

This safety data sheet has been made in accordance with the directives 91/155/EEG, 93/112/EEG, 2001/58/EG and Reach regulation 1907/2006.

It completes the technical directions for use, but does not replace it.

The data mentioned on these documents are to our knowledge correct on the date of publication and are provided on the assumption that the product will be used as indicated by the manufacturer/supplier. The indication of these safety data, without being considered as complete, helps the user to fulfil his obligations with regard to dangerous substances. The user is obliged to evaluate the product and use it in a safe way in compliance with the effective laws and stipulations. The user has to make sure that all regulations as to human and environmental protection during handling, storage and use of the products are observed.