

Revision Date 12/12/2012
Revision 4
Supersedes date 24/03/2011



SAFETY DATA SHEET

AGCO Parts EP Gear Oil 80w/90 GL5

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name	AGCO Parts EP Gear Oil 80w/90 GL5
Product No.	7040-178
Internal Id	10945

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

Identified uses	Gear oil.
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1.3. Details of the supplier of the safety data sheet

Supplier	Oil Distributors 2a South Belt Rangiora 7400 Ph: 0800 70 10 10 Fax: 03 313 6428 admin@oildistributors.co.nz
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1.4. Emergency telephone number

National Poison Control Centre	0800 764 766
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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Not classified.

Classification (1999/45/EEC) Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

The hazardous properties of the product are considered limited. However, the product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals.

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2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

No pictogram required.

Supplemental label information

EUH208

Contains Long chain alkyl amine. May produce an allergic reaction.

EUH210

Safety data sheet available on request.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Base oil - Unspecified - Distillates (Petroleum), hydrotreated Heavy Paraffinic		60-100%
CAS-No.: 64742-54-7	EC No.: 265-157-1	Registration Number: 01-2119484627-XX
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	
Residual oils (petroleum), hydrotreated		10-30%
CAS-No.: 64742-70-7	EC No.:	Registration Number: 01-2119480472-38
A petroleum product. DMSO extract < 3 % weight (IP 346)		
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	
Long chain alkyl amine		< 1%
CAS-No.:	EC No.:	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 3 - H311 Acute Tox. 2 - H330 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) T;R23/24. Xn;R22,R48/20. C;R34. N;R50/53. R43.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Ingredient notes

A petroleum product. DMSO extract < 3 % weight (IP 346)

Composition Comments

The data shown are in accordance with the latest EC Directives.

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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

Get medical attention if any discomfort continues.

Inhalation

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

Do not induce vomiting. Get medical attention immediately!

Skin contact

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

Laundry before re-use.

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for 30 minutes. Get medical attention if any discomfort continues.

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

General information

Refer to section 11 for other effects.

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

Treat symptomatically

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

Heat from fire could result in drums bursting

Specific hazards

When heated and in case of fire, harmful vapours/gases may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Keep run-off water out of sewers and water sources. Dike for water control.

Protective equipment for fire-fighters

Use air-supplied respirator, gloves and protective goggles.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

In case of spills, beware of slippery floors and surfaces. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.

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6.2. Environmental precautions

Contain spillages with sand, earth or any suitable adsorbent material. Do not allow to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Contain spillage with sand or earth. Use sealed containers for reclamation or dispose of at a licenced hazardous waste collection point

Avoid contact with water. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. In case of spillage on water prevent the spread by use of suitable barrier equipment

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets. Observe occupational exposure limits and minimise the risk of inhalation of vapours and mist.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

Storage Class

Miscellaneous hazardous material storage.

7.3. 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

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
Base oil - Unspecified - Distillates (Petroleum), hydrotreated Heavy Paraffinic	ACGIH		5 mg/m3		10 mg/m3	
Residual oils (petroleum), hydrotreated	ACGIH		5 mg/m3		10 mg/m3	

ACGIH = American Conference of Governmental Industrial Hygienists.

Ingredient Comments

Contains mineral Oil: Under conditions that may generate mists, observe OSHA PEL of 5mg per cubic meter, ACGIH STEL of 10mg per cubic meter

8.2. Exposure controls

Protective equipment



Process conditions

Use engineering controls to reduce air contamination to permissible exposure level.

Engineering measures

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Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

Respiratory equipment

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Hand protection

The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke. Skin protection

Wear apron or protective clothing in case of contact

Environmental Exposure Controls

See section 6 for details

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Brown. to Amber.
Odour	Characteristic. Oil smell.
Initial boiling point and boiling range (°C)	>320
Melting point (°C)	<-25
Relative density	0.881 @ 20 C
Vapour density (air=1)	>1
Vapour pressure	<0.1 kPa @ 20 C
Viscosity	140 cSt @ 40 C
Flash point (°C)	>150 PM Closed cup.
Auto Ignition Temperature (°C)	>320

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Will not occur

10.4. Conditions to avoid

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Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxic Dose 1 - LD 50 >

10, 000 mg/kg (oral rat)

Acute toxicity:

Acute Toxicity (Oral LD50)

10000 mg/kg Rat

Acute Toxicity (Dermal LD50)

2000 mg/kg Rat

Serious eye damage/irritation:

Not expected to cause eye irritation. Based on data from similar materials. Vapours may cause irritation

Respiratory or skin sensitisation:

Respiratory sensitisation

No information available.

No data available to indicate product or components may be respiratory sensitizers.

Carcinogenicity:

Carcinogenicity

No information available.

This product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP346 test

Reproductive Toxicity:

Reproductive Toxicity - Fertility

No information available.

No data available to indicate either product or compounds present at greater than 0.1% may cause reproductive toxicity

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

No information available.

General information

This product has low toxicity. Only large volumes may have adverse impact on human health.

Inhalation

Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.

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Ingestion

May cause discomfort if swallowed.

Skin contact

May cause sensitisation by skin contact.

Eye contact

Spray and vapour in the eyes may cause irritation and smarting.

Specific effects

Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

It is unlikely that the substance will dissolve in water in amounts big enough to have a toxic effect on fish and daphnies.

12.1. Toxicity

Not determined.

12.2. Persistence and degradability

Degradability

The product is not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

12.4. Mobility in soil

Mobility:

The product is non-volatile. The product is insoluble in water and will spread on the water surface.

12.5. Results of PBT and vPvB assessment

Not available

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

Road Transport Notes

Not Classified

Rail Transport Notes

Not classified.

Sea Transport Notes

Not classified.

Air Transport Notes

Not classified.

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14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable. 14.4. Packing

group Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

UK Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

ERMA Approval Code: HSR002606

SECTION 16: OTHER INFORMATION

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

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Risk Phrases In Full

R34 Causes burns.

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R22	Harmful if swallowed.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R43	May cause sensitisation by skin contact.
NC	Not classified.
R23/24	Toxic by inhalation and in contact with skin.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H330	Fatal if inhaled.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H311	Toxic in contact with skin.
H410	Very toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.