

ALL SEASONS T30 SELECT

Version 1.0

Revision Date 14.02.2012

Print Date 27.04.2012

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : ALL SEASONS T30 SELECT

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

Use of the Substance/Mixture : Lubricant

Recommended restrictions on use : For professional users only.

1.3 Details of the supplier of the safety data sheet

Company: Manufacturer
Anderol Specialty Lubricants, a division of Chemtura Corporation
Punterweg 21a
6222 NW Maastricht
Netherlands

Telephone : +31-43 352 4190

Chemtura Manufacturing UK Limited
Tenax Road, Trafford Park
Manchester
United Kingdom
M17 1WT

Customer Service: +44 161 875 3800
Prepared by: msdsrequest@chemtura.com

Further information for the safety data sheet :
msdsrequest@chemtura.com

1.4 Emergency telephone number

Emergency telephone number: +44 (0) 1235 239 670 (NCEC)
For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

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2.3 Other hazards

Do not handle until all safety precautions have been read and understood.

3. Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
N-1-naphthylaniline	90-30-2 201-983-0	Xn; R22 Xi; R43 N; R50/53	Acute Tox. 4; H302 Aquatic Acute 1; H400 Skin Sens. 1; H317 STOT RE 2; H373 Aquatic Chronic 1; H410	< 2,5
triphenyl phosphate	115-86-6 204-112-2	N; R50/53	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 0,25
diphenylamine	122-39-4 204-539-4	T; R23/24/25 R33 N; R50-R53	Acute Tox. 3; H331 Acute Tox. 3; H311 Acute Tox. 3; H301 STOT RE 2; H373 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 0,25

For the full text of the R-phrases mentioned in this Section, see Section 16.

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

4. First aid measures

4.1 Description of first aid measures

- General advice : No hazards which require special first aid measures.
- If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.

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- Wash off with soap and plenty of water.
If symptoms persist, call a physician.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : For specialist advice physicians should contact the Poisons Information Service.

5. Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

- Specific hazards during firefighting : Burning produces noxious and toxic fumes.

5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Ensure adequate ventilation.
Use personal protective equipment.

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6.2 Environmental precautions

Environmental precautions : If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid contact with skin and eyes.
For personal protection see section 8.
Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end uses

Specific use(s) : Raw material for industry

8. Exposure controls/personal protection

8.1 Control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis
triphenyl phosphate	115-86-6	VLA-ED	3 mg/m ³	2006-01-01	ES VLA

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diphenylamine	122-39-4	VLA-ED	10 mg/m3	2006-01-01	ES VLA
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8.2 Exposure controls

Engineering measures

Effective exhaust ventilation system

Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

Hand protection : Polyvinyl alcohol or nitrile- butyl-rubber gloves
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Before removing gloves clean them with soap and water.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles

Skin and body protection : impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and at the end of workday.

Environmental exposure controls

General advice : If the product contaminates rivers and lakes or drains inform respective authorities.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : yellow

Odour : No information available.

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Odour Threshold : No information available.
Flash point : 235 °C

Ignition temperature : No information available.

Lower explosion limit : No information available.

Upper explosion limit : No information available.
Flammability (solid, gas) : No information available.
Autoignition temperature : No information available.
pH : No information available.
Pour point : -45 °C

Vapour pressure : No information available.
Density : 0,915 g/cm³

Water solubility : No information available.
Partition coefficient: n-
octanol/water : No information available.
Solubility in other solvents : No information available.
Viscosity, kinematic : 97 mm²/s
at 40 °C

13,3 mm²/s
at 100 °C

Relative vapour density : No information available.
Evaporation rate : No information available.

9.2 Other information

Oxidising potential : Note: No information available.

10. Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : Note: No decomposition if used as directed.

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10.4 Conditions to avoid

Conditions to avoid : Exposure to moisture.
Contamination

10.5 Incompatible materials

Materials to avoid : Strong acids and oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products : Carbon oxides
Oxides of phosphorus
nitrogen oxides (NOx)

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity : Acute toxicity estimate: 32.828,28 mg/kg
Method: Calculation method
Remarks: Not classified due to lack of data.

: Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Acute oral toxicity
N-1-naphthylaniline : LD50: 1.625 mg/kg
Species: rat

triphenyl phosphate : LD50: > 2.000 mg/kg
Species: rat

diphenylamine : LD50: > 1.500 mg/kg
Species: rat

Acute inhalation toxicity : Acute toxicity estimate: 1.500 mg/l
Method: Calculation method
Remarks: Not classified due to lack of data.

: Acute toxicity estimate: > 20 mg/l
Method: Calculation method

Acute inhalation toxicity
triphenyl phosphate : LC50: > 200 mg/l
Exposure time: 1 h
Species: rat

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Acute dermal toxicity : Acute toxicity estimate: 150.000 mg/kg
Method: Calculation method
Remarks: Not classified due to lack of data.

: Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Acute dermal toxicity
N-1-naphthylaniline : LD50 Dermal: > 5.000 mg/kg
Species: rabbit

triphenyl phosphate : LD50: > 7.900 mg/kg
Species: rabbit

diphenylamine : LD50: > 5.000 mg/kg
Species: rabbit

Skin corrosion/irritation

Skin irritation : Remarks: Not classified due to lack of data.

Skin irritation
N-1-naphthylaniline : Species: rabbit
Result: No skin irritation
Method: Draize Test

triphenyl phosphate : Species: rabbit
Result: No skin irritation
Method: OECD Test Guideline 404
Exposure time: 4 h

diphenylamine : Species: rabbit
Result: No skin irritation

Serious eye damage/eye irritation

Eye irritation : Remarks: Not classified due to lack of data.

Eye irritation
N-1-naphthylaniline : Species: rabbit
Result: No eye irritation
Method: OECD Test Guideline 405

triphenyl phosphate : Species: rabbit
Result: No eye irritation
Method: OECD Test Guideline 405

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Respiratory or skin sensitization

Sensitisation : Remarks: Causes sensitization.

Sensitisation
N-1-naphthylaniline : Maximisation Test
Species: guinea pig
Classification: May cause sensitization by skin contact.

Patch Test
Species: Human
Classification: May cause sensitization by skin contact.

triphenyl phosphate : Maximisation Test
Species: guinea pig
Classification: Did not cause sensitization on laboratory animals.
Method: OECD Test Guideline 406

Germ cell mutagenicity
N-1-naphthylaniline : Ames test
Result: negative

Chinese Hamster Ovary (CHO)
Result: negative

triphenyl phosphate : Ames test
Result: negative

in vitro assay
Result: negative

Unscheduled DNA synthesis (UDS)
Result: negative

Genotoxicity in vivo
N-1-naphthylaniline : in vivo assay
Species: mouse
Result: negative

Mutagenicity Assessment

Remarks : Not classified due to lack of data.

Carcinogenicity Assessment

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Remarks : Not classified due to lack of data.

Reproductive toxicity Assessment

Remarks : Not classified due to lack of data.

Target Organ Systemic Toxicant - Single exposure

: Remarks: Not classified due to lack of data.

Target Organ Systemic Toxicant - Repeated exposure

: Remarks: Not classified due to lack of data.

Aspiration hazard

Aspiration toxicity : No aspiration toxicity classification

Toxicology Assessment

Further information : No data is available on the product itself.

12. Ecological information

12.1 Toxicity

Toxicity to fish (Chronic toxicity)
triphenyl phosphate : NOEC: 0,037 mg/l
Exposure time: 30 d
Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)
N-1-naphthylaniline : NOEC: 0,02 mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea)
Analytical monitoring: yes

Ecotoxicology Assessment

Acute aquatic toxicity : No data is available on the product itself.

Chronic aquatic toxicity : No data is available on the product itself.

12.2 Persistence and degradability

Biodegradability : Result: no data available

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Biodegradability
N-1-naphthylaniline : aerobic
Result: According to the results of tests of biodegradability this product is not readily biodegradable.
0 %
Method: OECD Test Guideline 301

triphenyl phosphate : aerobic
Result: Readily biodegradable.
83 - 94 %
Method: OECD Test Guideline 301

12.3 Bioaccumulative potential

Bioaccumulation : Remarks:
no data available

Bioaccumulation
N-1-naphthylaniline : Species: Cyprinus carpio (Carp)
Exposure time: 56 d
Temperature: 25 °C
Concentration: 0,1 mg/l
Bioconcentration factor (BCF): 427 - 2.730

triphenyl phosphate : Species: Oryzias latipes (Orange-red killifish)
Exposure time: 18 d
Temperature: 25 °C
Concentration: 0,01 mg/l
Bioconcentration factor (BCF): 144

12.4 Mobility in soil

Mobility : Remarks:
no data available

12.5 Results of PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

12.6 Other adverse effects

Additional ecological information : The product itself has not been tested.
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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13. Disposal considerations

13.1 Waste treatment methods

- Product : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Offer surplus and non-recyclable solutions to a licensed disposal company.
- Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

14. Transport information

ADR

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

RID

Not dangerous goods

15. Regulatory information

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

Candidate List of Substances of Very High Concern for Authorisation : Neither banned nor restricted

Major Accident Hazard Legislation : 96/82/EC Update: 2003
Directive 96/82/EC does not apply

Water contaminating class (Germany) : WGK 2 water endangering

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Notification status

US.TSCA	: On TSCA Inventory
DSL	: All components of this product are on the Canadian DSL list.
AICS	: Not in compliance with the inventory
NZIoC	: Not in compliance with the inventory
ENCS	: Not in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory

15.2 Chemical Safety Assessment

No information available.

16. Other information

Full text of R-phrases referred to under sections 2 and 3

R22	Harmful if swallowed.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
R43	May cause sensitization by skin contact.
R50	Very toxic to aquatic organisms.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R53	May cause long-term adverse effects in the aquatic environment.

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

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure if swallowed.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Further information

Carechem24 International Worldwide Coverage - Chemtura Corporation

Emergency Phone Number

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<u>Europe:</u>	All European Countries	+44 (0) 1235 239 670 (NCEC)
<u>Asia Pacific:</u>	East / South East Asia – Regional Number	+65 3158 1074
	Australia	+61 2801 44558
	New Zealand	+64 9929 1483
	China Taiwan	+86 10 5100 3039
	Japan	+81 345 789 341
	Indonesia	00780 3011 0293
	Malaysia	+60 3 6207 4347
	Thailand	001800 1 2066 6751
	Korea	+65 3158 1285
	Vietnam	+65 3158 1255
	India	+65 3158 1198
	Pakistan	+65 3158 1329
	Philippines	+65 31581203
	Sri Lanka	+65 3158 1195
	Bangladesh	+65 3158 1200
<u>Middle East / Africa:</u>	Arabic speaking countries	+44 (0) 1235 239 671
	All other countries	+44 (0) 1235 239 670
<u>America</u>	United States / Canada	001866 928 0789
<u>Latin America:</u>	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
	Mexico	+52 555 004 8763

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