

Airbase Industries Whisper – Smart Oil Synthetic Rotary Screw Compressor Oil

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
 Date of issue: 12/01/2012 Version: 3.0

SECTION 1: Identification

1.1. Identification

Product Form : Mixture
 Product Name : Airbase Industries Whisper-Smart Oil Synthetic Rotary Screw Compressor Oil

1.2. Recommended use and restrictions on use

Recommended use : Lubricant
 Restrictions on use : No additional information available

1.3. Supplier

Airbase Industries
 1000 Cass Drive
 Clayton, OH 45315
 (973) 540-1140
www.eatoncompressor.com

1.4. Emergency telephone number

Emergency number : 1-937-540-1140

SECTION 2: Hazard(s) Identification

Classification of the substance or mixture the substance is not classified according to the Globally Harmonized System (GHS).

2.1 Label Elements

GHS label elements Non-regulated material
 Hazard pictograms Non-regulated material
 Signal word Non-regulated material
 Hazard statements Non-regulated material

2.2 Classification System

NFPA ratings (scale 0-4)
 Health=0; Fire=1; Reactivity=0
 HMIS-ratings (scale 0 - 4) Health=0; Fire=1; Reactivity=0



HEALTH	0
FIRE	1
REACTIVITY	0

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SECTION 3: Composition/Information on Ingredients

Name	Product identifier	%	GHS-US classification
Lubricating oils, C20-50, hydrotreated neutral oil-based (DMSO < 3%)	(CAS-No.) 72623-87-1	40 - 100	Asp. Tox. 1, H304
N-1-naphthylaniline	(CAS-No.) 90-30-2	0.1 - 0.5	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Long-chain alkenyl amide	(CAS-No.) trade secret	0.01 - 0.5	Skin Irrit. 2, H315 Repr. 2, H361

SECTION 4: First-Aid Measures

4.1 Description of first aid measures

General information	:No special measures required
After inhalation	:Supply fresh air; consult doctor in case of complaints
After skin contact	:Generally, the product does not irritate the skin
After eye contact	:Rinse opened eye for several minutes under running water
After swallowing	:Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Treat symptomatically.	
Most important symptoms and effects, both acute and delayed	:No further relevant information available
Indication of any immediate medical attention and special treatment needed	:No further relevant information available

SECTION 5: Fire-fighting Measures

5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing agents	:CO ₂ or Powder. Water mist to cool, no direct water spray. Collect spillage.
Special hazards arising from the substance or mixture	:No further relevant information available

5.2 Advise for Firefighters

Protective equipment	:As in any fire, wear self-contained breathing apparatus pressure-demand
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SECTION 6: Accidental Release Measures

(NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

Personal precautions, protective equipment and emergency procedures	:Not required
Environmental precautions	:No special measures required
Methods and material for containment and cleaning up	:Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust). Dispose of the collected material according to regulations.
Reference to other sections	:See Section 7 for information on safe handling. :See Section 8 for information on personal protection equipment. :See Section 13 for disposal information.

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SECTION 7: Handling & Storage

	Precautions for safe handling	
	Information about protection against explosions and fires	:No special measures required
	Conditions for safe storage, including any incompatibilities	:No special measures required
7.1	Storage	
	Requirements to be met by storerooms and receptacles	:No special requirements
	Information about storage in one Common storage facility	:Not required
	Further information about storage conditions	:None
	Specific end use(s)	:No further relevant information available

SECTION 8: Exposure Controls/Personal Protection

	Additional information about design of technical systems	:No further data; see section 7
8.1	Control parameters	
	Components with occupational exposure limits	:The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace
	Additional information	:The lists that were valid during the creation were used as basis
8.1	Exposure controls – Personal Protective Equipment	
	General protective and hygienic measures	:The usual precautionary measures for handling chemicals should be followed
	Breathing equipment	:Normally not necessary. If mist is generated, wear approved organic vapor respirator suitable for oil mist areas with sufficient oxygen.
	Protection of hands	:Normally none required, for direct contact of more than 2 hours, PVC, Viton, or Nitrile gloves are recommended.
	Material of gloves	:Not required
	Penetration time of glove material	:Not applicable
	Eye protection	:Normally none required, chemical goggles if splashing is likely or high pressure systems are used.

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SECTION 9: Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	: Liquid
Colour	: See product
Odour	: Mild
Odour threshold	: No data available
pH	: No data available

Change in Condition

Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: >365°F (>185°C)
Flammability (solid, gas)	: Nonflammable.

Ignition Temperature

Decomposition temperature	: No data available
Auto-ignition temperature	: No data available
Danger of Explosion	: No data available

Explosion Limits

Lower	: No data available
Upper	: No data available
Vapour pressure	: <0.003 kPa
Relative vapour density at 20 °C	: 0.88-0.91
Relative density	: No data available
Vapor density	: No data available
Evaporation rate	: No data available
Solubility in/Miscibility with water	: Not miscible
Partition coefficient (n-octanol/water)	: Not determined

Viscosity

Viscosity, kinematic	: 32 - 150 mm ² /s @ 40 °C
Viscosity, dynamic	: Varies with grade
Explosive limits	: No data available

Solvent Content

Organic solvent	: No data available
Other information	: No further information

SECTION 10: Stability & Reactivity

Reactivity	:No further relevant information available
Chemical stability	:Stable under normal conditions
Thermal decomposition / conditions to be avoided	:No decomposition if used according to specifications
Possibility of hazardous reactions	:No dangerous reactions known
Conditions to avoid	:No further relevant information available
Incompatible materials	:No further relevant information available
Hazardous decomposition products	:No dangerous decomposition products known

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SECTION 11: Toxicology Information

11.1 Information on toxicology effects

Acute Toxicity

Primary Irritant Effect

On the skin

:No irritating effect

On the eye

:No irritating effect

Additional toxicological information

:The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

:None of the ingredients are listed.

:Group 1 - Carcinogenic to humans

:Group 2A - Probably carcinogenic to humans

:Group 2B - Possibly carcinogenic to humans

:Group 3 - Not classifiable as to its carcinogenicity to humans

:Group 4 - Probably not carcinogenic to humans

NTP (National Toxicology Program)

:None of the ingredients are listed

OSHA-Ca (Occupational Safety & Health Administration)

:None of the ingredients are listed

SECTION 12: Ecological Information

Toxicity

:No data is available on this product

Aquatic toxicity

:No further relevant information available

Persistence and degradability

:No further relevant information available

Bioaccumulative potential

:No further relevant information available

Mobility in soil

:No further relevant information available

Additional ecological information

General notes

:Generally not hazardous for water

Results of PBT and vPvB assessment

PBT

:Not applicable

vPvB

:Not applicable

Other adverse effects

:No further relevant information available

SECTION 13: Disposal Considerations

Waste treatment methods

Recommendation

:Smaller quantities can be disposed of with household waste. Recycle or dispose with household trash.

Uncleaned packaging's

Recommendation

:Disposal must be made according to official regulations.

SECTION 14: Transport Information

UN-Number

DOT, ADN, IMDG, IATA

:Non-regulated material

ADR

:Non-regulated material

UN proper shipping name

DOT, ADR, ADN, IMDG, IATA

:Non-regulated material

Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA Class

:Non-regulated material

Packing group

DOT, ADR, IMDG, IATA

:Non-regulated material

Environmental hazards

Marine pollutant

:No

Special precautions for user

:Not applicable

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

:Not applicable

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UN "Model Regulation" —

SECTION 15: Regulatory Information

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

Sara

Section 355 (extremely hazardous substances) :None of the ingredients are listed

Section 313 (Specific toxic chemical listings) :None of the ingredients are listed

TSCA (Toxic Substances Control Act) :All components are either listed or not regulated under TSCA

Carcinogenic categories

EPA (Environmental Protection Agency) :None of the ingredients are listed

TLV (Threshold Limit Value established by ACGIH) :None of the ingredients are listed

NIOSH-Ca (National Institute for Occupational Safety and Health) :None of the ingredients are listed

GHS label elements :Non-regulated material

Hazard pictograms :Non-regulated material

Signal word :Non-regulated material

Hazard statements :Non-regulated material

National regulations :Non-regulated material

State Right to Know :Non-regulated material

Chemical safety assessment :A Chemical Safety Assessment has not been carried out.

SECTION 16: Regulatory Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

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ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways IMDG: International Maritime Code for Dangerous Goods

Abbreviations and acronyms DOT:

US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)