

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/15/2003

Reviewed on 01/15/2003

1 Identification of substance

· **Product details**

· **Trade name:** Dyatic VOC

· **Article number:** 83-302493

· **Manufacturer/Supplier:**

Conspec

4226 Kansas Avenue

Kansas City, KS 66106

Tel.: (877) 266-7732

Emergency Telephone Number: Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S., Canada, or the U.S. Virgin Islands, call ChemTrec at (800) 424-9300, 24 hours a day. Or, outside these areas, call (703) 527-3887. Collect calls are accepted.

· **Information department:** Environmental, Health, and Safety department.

2 Composition/Data on components

· **Chemical characterization**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

68334-30-5	Fuels, diesel	25-50%
61790-12-3	Distilled Tall Oil Fatty Acids	10-25%
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	10-25%
64742-62-7	Residual oils (petroleum), solvent-dewaxed	10-25%
64742-57-0	Residual oils (petroleum), hydrotreated	10-25%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

· **Hazard description:**

Toxic

· **Information pertaining to particular dangers for man and environment:**

The product has to be labelled due to internationally acknowledged calculation procedures using the latest valid versions.

May cause cancer.

Flammable.

Irritating to eyes and skin.

Limited evidence of a carcinogenic effect.

May cause sensitisation by skin contact.

· **Classification system:**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

· **NFPA ratings (scale 0 - 4)**



Health = 2

Fire = 2

Reactivity = 0

(Contd. on page 2)

USA

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/15/2003

Reviewed on 01/15/2003

Trade name: Dyatic VOC

(Contd. of page 1)

· HMIS-ratings (scale 0 - 4)



Health = *2

Fire = 2

Reactivity = 0

4 First aid measures

· After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing: If symptoms persist consult doctor.

5 Fire fighting measures

· Suitable extinguishing agents: CO₂, sand, extinguishing powder. Do not use water.

· For safety reasons unsuitable extinguishing agents:

Water

Water with full jet

· Protective equipment:

Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

6 Accidental release measures

· Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

· Measures for environmental protection:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

· Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Do not flush with water or aqueous cleansing agents

7 Handling and storage

· Handling:

· Information for safe handling: Open and handle receptacle with care.

· Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

(Contd. on page 3)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/15/2003

Reviewed on 01/15/2003

Trade name: Dyatic VOC

(Contd. of page 2)

- **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:** Keep receptacle tightly sealed.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:**

68334-30-5 Fuels, diesel

TLV	100 mg/m ³ as total hydrocarbons; Skin
-----	--

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.

- **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests, no recommendation to the glove material can be given for the product.

Select the glove material upon consideration of the penetration times, rates of diffusion and the degradation.

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

- **General Information**

Form:	Fluid
--------------	-------

(Contd. on page 4)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/15/2003

Reviewed on 01/15/2003

Trade name: Dyatic VOC

(Contd. of page 3)

Color:	According to product specification
Odor:	Characteristic
· Change in condition Melting point/Melting range: Undetermined. Boiling point/Boiling range: 204°C (399°F)	
· Flash point:	54°C (129°F)
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· Density at 20°C (68°F):	0.882 g/cm ³
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
· Solvent content:	
Organic solvents:	0.0 %
· Solids content:	52.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
Carcinogenic.

12 Ecological information

- **General notes:**
Water hazard class 3 (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.

USA

(Contd. on page 5)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/15/2003

Reviewed on 01/15/2003

Trade name: Dyatic VOC

(Contd. of page 4)

13 Disposal considerations

- **Product:**
- **Recommendation:** Must not be disposed of as normal garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to Federal, State, and Local regulations.

14 Transport information

· DOT regulations:



- **Hazard class:** 3
- **Identification number:** UN1268
- **Packing group:** III
- **Proper shipping name (technical name):** PETROLEUM DISTILLATES, N.O.S.
- **Label:** 3
- **Limited Quantity Exemption:** Limited Quantity applies for inner packages 1.3 gallons or smaller.
- **U.S. Domestic Ground Shipments:** Combustible liquids, n.o.s. (petroleum distillates), NA1993, PG III
- **U.S. Domestic Ground Non-Bulk (119 gal or less per container) Shipments:** Not Regulated by D.O.T.

· Land transport ADR/RID (cross-border):



- **ADR/RID class:** 3 Flammable liquids
- **Danger code (Kemler):** 30
- **UN-Number:** 1268
- **Packaging group:** III
- **Description of goods:** 1268 PETROLEUM DISTILLATES, N.O.S. (BENZENE)

· Maritime transport IMDG:



- **IMDG Class:** 3
- **UN Number:** 1268
- **Label:** 3
- **Packaging group:** III
- **EMS Number:** F-E,S-E
- **Marine pollutant:** No

(Contd. on page 6)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/15/2003

Reviewed on 01/15/2003

Trade name: Dyatic VOC

(Contd. of page 5)

· **Propper shipping name:** PETROLEUM DISTILLATES, N.O.S.

· **Air transport ICAO-TI and IATA-DGR:**



· **ICAO/IATA Class:** 3
 · **UN/ID Number:** 1268
 · **Label:** 3
 · **Packaging group:** III
 · **Propper shipping name:** PETROLEUM DISTILLATES, N.O.S.

15 Regulations

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below.

71-43-2	benzene	£0.01%
---------	---------	--------

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65**

· **Chemicals known to the State of California (Prop. 65) to cause cancer:**

71-43-2	benzene
---------	---------

· **Chemicals known to the State of California (Prop. 65) to cause reproductive toxicity:**

71-43-2	benzene
---------	---------

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency)**

71-43-2	benzene	A
---------	---------	---

· **IARC (International Agency for Research on Cancer)**

68334-30-5	Fuels, diesel	2B
------------	---------------	----

71-43-2	benzene	I
---------	---------	---

· **NTP (National Toxicology Program)**

71-43-2	benzene	K
---------	---------	---

· **TLV (Threshold Limit Value established by ACGIH)**

71-43-2	benzene	A1
---------	---------	----

· **MAK (German Maximum Workplace Concentration)**

71-43-2	benzene	I
---------	---------	---

(Contd. on page 7)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/15/2003

Reviewed on 01/15/2003

Trade name: Dyatic VOC

(Contd. of page 6)

· NIOSH-Ca (National Institute for Occupational Safety and Health)	
71-43-2	benzene
· OSHA-Ca (Occupational Safety & Health Administration)	
71-43-2	benzene

· Product related hazard informations:*The product has been classified and marked in accordance with directives on hazardous materials.***· Hazard symbols:***Toxic***· Hazard-determining components of labelling:***Fuels, diesel**Distillates (petroleum), solvent-dewaxed heavy paraffinic**Residual oils (petroleum), solvent-dewaxed**Residual oils (petroleum), hydrotreated**Distilled Tall Oil Fatty Acids***· Risk phrases:***May cause cancer.**Flammable.**Irritating to eyes and skin.**Limited evidence of a carcinogenic effect.**May cause sensitisation by skin contact.***· Safety phrases:***Avoid exposure - obtain special instructions before use.**Keep out of the reach of children.**Keep away from food, drink and animal feedingstuffs.**When using do not eat or drink.**Avoid contact with skin and eyes.**Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.**Wear suitable protective clothing, gloves and eye/face protection.**In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).***· National regulations:****· Water hazard class:** *Water hazard class 3 (Self-assessment): extremely hazardous for water.*

16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.***· Department issuing MSDS:** *Environmental, Health and Safety department***· Contact:** *Matthew Paquette*