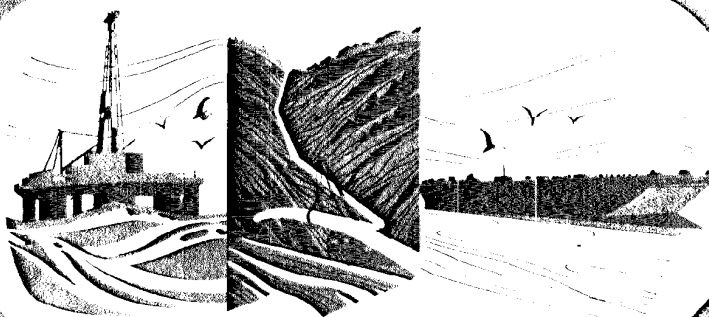


SPECIALTY FLUIDS AND LUBRICANTS FOR THE OIL & GAS INDUSTRY

- Heat Transfer Fluids
- Fire-Resistant Hydraulic Fluids
- Fire-Resistant Air Compressor and Turbine Lubricants
- Traction Lubricants



0107801

Bulletin No. 10 / 1-81

Monsanto

TOWOLDMON0022556

WATER_PCB-00007025

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.

NOTICE: "Nothing contained herein is to be construed as a recommendation to use any product in conflict with any patent. MONSANTO MAKES NO WARRANTIES AS TO THE FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY OF ANY PRODUCT REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations, and disclaims all liability for any resulting loss or damage."

TOWOLDMON0022557
WATER PCB-00007026



HEAT TRANSFER FLUIDS FOR HEATING AND COOLING APPLICATIONS

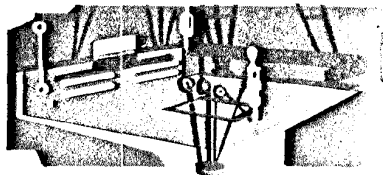
Therminol® heat transfer fluids work by *liquid* heat transfer in closed loop, non-pressurized systems. They are designed for operating temperature ranges up to 700°F. The non-pressurized, liquid systems can usually be designed for lower costs than pressurized systems operating on steam or vaporized heat transfer media. Therminol liquid heat transfer is used in: tanker and barge heating; glycol recovery systems; well choke heating; residential space heating; waste heat recovery; and refinery operations. Of the five Therminol heat transfer fluids available, Therminol 60 and 66 offer properties most typically required in these applications.

In Europe, Monsanto heat transfer fluids are sold under the name Santotherm® Heat Transfer Fluids. Santotherm fluids are identical to those sold under the Therminol name.

Typical Properties

| | Therminol® 60 | Therminol® 66 |
|--|---------------------|------------------------------|
| Appearance | Light yellow liquid | Practically colorless liquid |
| Density @ 75°F | 8.33 lbs./gal. | 8.35 lbs./gal. |
| Fire Point (C.O.C.) | 320°F | 382°F |
| Autogenous Ignition Point | 835°F (445.8°C) | 705°F (374°C) |
| Viscosity | | |
| Centistokes @ 0°F | 65.0 | 50,000 |
| Centistokes @ 100°F | 4.90 | 28.0 |
| Centistokes @ 250°F | 1.25 | 2.60 |
| Vapor Pressure (mm. Hg absolute) | | |
| @ 250°F | 5 | 2 |
| @ 500°F | 240 | 100 |
| Specific Heat @ 250°F | 0.470 | 0.455 |
| B.T.U./lb. @ 500°F | 0.583 | 0.580 |
| Thermal Conductivity (B.T.U./hr.ft., °F) | | |
| @ 250 | 0.0718 | 0.678 |
| @ 500 | 0.0656 | 0.637 |

®Registered Trademark of Monsanto Company



FIRE-RESISTANT FLUIDS FOR HYDRAULIC SYSTEMS

Pydraul® hydraulic fluids were developed to meet the need in industry for a line of *fire-resistant* hydraulic fluids. In the oil and gas industry, these Pydraul fluids are used in riser tensioners, heave compensators, guideline tensioners, and blow-out preventers. Pydraul 29 E-LT and 50-E fluids are Factory Mutual approved; they pass the spray test (1,000 psi spray through propane flame); channel iron test (spray impacting 1,300°F red hot metal), and the hot manifold test (Federal Standard 791, dripped on 1,300°F Manifold). Pydraul fluids do not foam or corrode, and they are available in viscosity ranges that ensure smooth operation and rapid equipment response. The following Pydraul fluids are those most frequently used in offshore hydraulics.

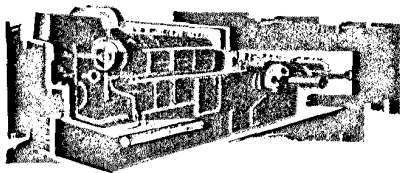
| Typical Properties | Pydraul® 10-E* | Pydraul 29E-LT | Pydraul 50-E |
|---------------------------------|-------------------|-------------------|-------------------|
| Appearance | Clear Blue Liquid | Clear Blue Liquid | Clear Blue Liquid |
| Specific Gravity 25°/25°C | 1.088-1.091 | 1.093-1.113 | 1.146-1.160 |
| Viscosity | | | |
| Centistokes @ 100°F | 10.0 | 30.9 | 49 |
| Centistokes @ 210°F | 2.4 | 6.8 | 5.9 |
| Absolute SSU @ 100°F | 60.5 | 158 | 262 |
| Pour Point | - 70°F | - 45°F | - 5°F |
| Max. Bulk Operating Temperature | 175°F | 175°F | 225°F |
| Vapor Pressure (mm. Hg @ 200°F) | 0.002 | 0.002 | 0.002 |

*Not FM approved; passes F.T.M. Std. 791 Hot Manifold Test

0107803

®Registered Trademark of Monsanto Company

TOWOLDMON0022558
WATER_PCB-00007027

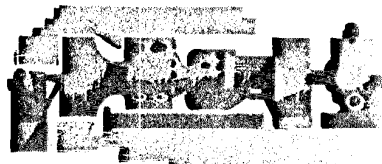


FIRE AND EXPLOSION-RESISTANT AIR COMPRESSOR LUBRICANTS

Many air compressor explosions and receiver fires can be traced to the use of petroleum oil lubricants. Oil mists and films in the air compressor systems oxidize to a carbon-oxygen complex. Accelerated by heat, pressure or triggered by shock-wave - oil mists and residues break down into combustible gases that can explode and/or ignite in the air lines and receivers. Pydraul® air compressor lubricants were designed to ensure safer air compressor lubrication. In use since 1954, the fire-resistant Pydraul compressor lubricants provide excellent lubrication, allow minimum maintenance, and offer maximum safety to critical compressor installations. The following Pydraul lubricants are specifically designed for use in air compressors.

| Typical Properties | Pydraul®
30-E | Pydraul
90-E | Pydraul
115-E |
|-----------------------------------|-------------------|-------------------|-------------------|
| Appearance | Clear Blue Liquid | Clear Blue Liquid | Clear Blue Liquid |
| Specific Gravity
25°/25°C | 1.150-1.1770 | 1.145-1.165 | 1.145-1.165 |
| Viscosity, | | | |
| Centistokes (c) 100°F | 30-40 | 85-95 | 115-125 |
| Centistokes (c) 210°F | 4.6-5.0 | 7.7-8.1 | 8.9-9.3 |
| Absolute SSU (c) 100°F | 173 | 473 | 695 |
| Pour Point | -15°F | 10°F | 10°F |
| Max. Exit Air Temp. | 350°F | 350°F | 350°F |
| Boiling Point °F (c)
760 mm Hg | 725°F | 805°F | 820°F |

| Shell Four-Ball Wear
(167°F., 1 hour, 630 rpm., mm scar diameter) | | | |
|--|----------|---------|---------|
| STEEL ON | PYDRAUL® | PYDRAUL | PYDRAUL |
| STEEL | 30E | 90E | 115E |
| 4 kg | 0.47 | 0.28 | 0.29 |
| 10 kg | 0.50 | 0.32 | 0.39 |
| 40 kg | 0.64 | 0.54 | 0.56 |
| STEEL ON
BRONZE | | | |
| 10 kg | 0.46 | 0.35 | 0.45 |
| 40 kg | 0.97 | 0.65 | 0.66 |



FIRE-RESISTANT INDUSTRIAL TURBINE LUBRICANTS

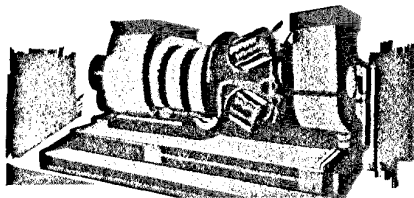
Turbinol® fluids are synthetic, fire-resistant lubricants for turbine and turbine control systems and are approved by major turbine manufacturers. They are inert, oxidation-resistant, and shear stable. Turbinol lubricants maintain lubricity and film integrity at 450 to 500°F operating temperatures; pass ASTM rust and foam tests; are non-corrosive and compatible with all commonly used metals of construction. Turbinol lubricants are used in high-speed, gas combustion and steam turbines - used to drive generators, gas compressors and other equipment. Turbinol fluids offer excellent lubricating performance plus the added safety of fire resistance.

| Typical Properties | Turbinol®
1122 | Turbinol
1223 |
|--|-----------------------------|-----------------------------|
| Viscosity, | | |
| Centistokes (c) 40°F | 320 | 750 |
| Centistokes (c) 210°F | 4.82 | 6.02 |
| Viscosity, SSU (c) 40°F | 1,480 | 3,480 |
| (c) 210°F | 42.1 | 45.9 |
| Pour Point | -20°F | -5°F |
| Specific Gravity,
25°/25°C | 1.173 | 1.142 |
| Vapor Pressure,
mm Hg (c) 200°F | 0.002 | 0.002 |
| Fire Resistance: | | |
| Fire Point, C.O.C. | 650°F | 620°F |
| Autogenous Ignition Temp. (ASTM D2155) | 1,050°F | 910°F |
| Hot Manifold Test (FS 791) (c) 1,300°F | Flashes, does not propagate | Flashes, does not propagate |

Lubricating Performance;
Four Ball Wear Test, 40 kilo load
(625 rpm, 167°F 1 hr.)
Steel on steel, scar dia., mm
Steel on bronze, scar dia., mm

| | |
|------|------|
| 0.58 | 0.57 |
| 1.01 | 0.60 |

0107804



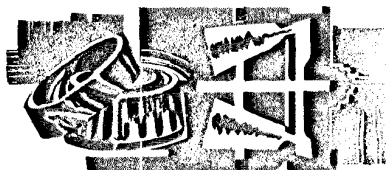
HIGH TEMPERATURE (Aircraft-type) HOT-GAS GENERATOR LUBRICANT

Skylube® 450 lubricant is an improved Type II lubricant for jet engine gas generators used as power sources for industrial turbines. It meets in all respects the performance specifications of major manufacturers, such as General Electric's GE-D501FL and Pratt & Whitney's PWA 521B. Skylube 450 has extreme resistance to high temperature decomposition and oxidation degradation. Engines operated on Skylube 450 lubricant over the past four years include these classes: JT3D; JT8D, JT12, F1-4, and SPEY; plus AirResearch Turbocompressors & Air Cycle Machines and Sundstrand CSD's.

| Typical Properties | Limits
GE
D501FL-S3
Class B | | Limits
PWA
521B |
|--|--------------------------------------|------------|-----------------------|
| | Skylube®
450 | | |
| Viscosity, | | | |
| Centistokes (α - 40°F | 8860 | 13000 max. | 13000 max. |
| Centistokes (α 400°F | 1.3 | 1.0 min. | 1.0 min. |
| Pour Point | - 75°F | | Max. 75°F |
| Flash Point, C.O.C. | 535°F | Min. 400°F | Min. 400°F |
| Autogenous Ignition Temp. | 785°F | Min. 750°F | |
| Evaporation Loss,
after 6½ hrs. (α 400°F
(Sea Level, 759 mm Hg) | 2.7% | 10% max. | 25% max. |
| Corrosion-Oxidation Stability
After 72 hrs. (α 350°F,
10 L/hr. Dry Air | | | |
| Weight Change mg/cm² | | | |
| Steel | 0.0 | ± 0.20 | ± 0.30 |
| Copper | ± 0.01 | ± 0.40 | ± 0.30 |
| Aluminum | ± 0.01 | ± 0.20 | ± 0.30 |

0107805

®Registered Trademark of Monsanto Company



HIGH HEAT, HIGH PRESSURE RESISTANT TRACTION LUBRICANTS

Santotrac® traction lubricants are a new family of synthetic hydrocarbon lubricating oils and greases developed for traction drives. They are lubricants with "grip" that increase the traction coefficient between driver and driven rolling surfaces from 40-80%. The film separates metal-to-metal contact at pressures up to 500,000 psi, and operates at temperatures up to 300°F. In laboratory wear tests, Santotrac lubricants approximately double the life of standard roller bearings. The synthetic hydrocarbon base has been formulated into four liquid lubricants and two greases. Santotrac 50 has the lowest operating temperature capability; Santotrac 50, the best balance of properties for most uses, medium viscosity, good anti-wear in sliding contact. The Santotrac greases have the highest traction coefficient of any lubricants known.

| Typical Properties | Santotrac® Lubricating Oils | | | |
|---|-----------------------------|--------------------------|--------|--------|
| | "30" | "40" | "50" | "70" |
| Viscosity, | | | | |
| Centistokes (α - 40°F | 23,400 | - | - | - |
| Centistokes (α - 20°F | - | 31,600 | 41,500 | - |
| Centistokes (α 0°F | - | - | 5,120 | 93,900 |
| Centistokes (α 210°F | 3.10 | 3.68 | 5.61 | 11.4 |
| Pour Point | - 65°F | - 45°F | - 35°F | - 10°F |
| Density, gms/cc (α 100°F | 0.891 | 0.886 | 0.889 | 0.957 |
| Vapor Pressure (α 350°F
(mm Hg absolute) | 12 | 12 | 12 | 10 |
| Autogenous Ignition Temp. | 605°F | 600°F | 620°F | 675°F |
| Coefficient of Traction | 0.084 | 0.095 | 0.095 | 0.095 |
| | | (naphthenic oil = 0.066) | | |
| Shell 4 Ball Wear
(200°F, 2 hrs., 1260 rpm,
40 kg load, steel-on-steel) | | | | |
| Scar Diameter, mm | 0.67 | 0.75 | 0.51 | 0.54 |
| | | (naphthenic oil = 1.10) | | |

®Registered Trademark of Monsanto Company

TOWOLDMON0022560
WATER_PCB-00007029

Please send me additional information on the following Monsanto fluids and lubricants:

☐ Thermingol® Heat Transfer Fluids

My application is: _____

☐ Pydraul® Fire-Resistant Hydraulic Fluids

☐ Pydraul® Fire-Resistant Air Compressor Lubricants

☐ Turbinal® Fire-Resistant Turbine Lubricants

☐ Skydro® Gas Turbine Lubricant

☐ Santotrac® Traction Lubricants

☐ Please have your fluids specialist contact me for an appointment.

Name _____

Title _____

Company _____

Address _____

City _____ State _____ Zip _____

Telephone (____) _____

Monsanto

For complete
technical information
or for sales assistance
on any of Monsanto's
specialty fluids
and lubricants,
just complete
and return the
postage-free card.

0107006

Mail this
card
today...

First Class
Permit
No. 3116
St. Louis, Mo.

POSTAGE WILL BE PAID BY

Monsanto

Department B1N8
800 North Lindbergh Boulevard
St. Louis, Missouri 63166

0107807

TOWOLDMON0022562

WATER_PCB-00007031

MONSANTO INTERNATIONAL OFFICES

| | | | |
|--|--|---|---|
| Argentina
BUENOS AIRES
Monsanto Argentina S.A.I.C.
Tucuman 117
Buenos Aires, Argentina | Dominican Republic
SAN PEDRO DOMINGO
Monsanto Dominicana Inc.
Jcseta Perdoma 17
Esquina Pasteur
Santo Domingo,
Republica Dominicana | Israel
ASHDAD
Israel Chemicals Fibres Ltd.
Industrial Zone
Ashdod, Israel | SANDTON CITY
Monsanto South Africa (Pty.) Ltd.
P. O. Box 78025
Sandton City, Transvaal, South Africa |
| Australia
MELBOURNE
Monsanto Australia Limited
East Tower, Princess Gate
151 Flinders St.
Melbourne, Victoria 3001
Australia
SYDNEY
Monsanto Australia Limited
35 Terry Street
Rozelle, Sydney, NSW,
Australia 2039 | El Salvador
SAN SALVADOR
Monsanto Centroamerica
(Monsanto El Salvador) S.A.
Edificio Plaza
67 Avenida sury Calle a
Santa Tecla
San Salvador, El Salvador | Italy
MILAN
Monsanto Italiana S.p.A.
Via Melchiorre Gioia 8
20124 Milan, Italy | Spain
BARCELONA
Monsanto Iberica SA
Lepanto 350
Barcelona 13, Spain |
| Austria
VIENNA
Monsanto GmbH Austria
Rudolfplatz 12
Vienna 1, Austria | Finland
HELSINKI
Monsanto (Scandinavia) AB
Arkadiankatu 8 C 20
00100 Helsinki 10, Finland | Japan
TOKYO
Monsanto Japan Ltd.
Room 628 Chiyoda Building
1-2 Marunouchi 2-chome,
Chiyoda-ku
Tokyo 100, Japan | Sweden
STOCKHOLM
Monsanto (Scandinavia) AB
Ullsundavagen 108
16111 Stockholm 11, Sweden |
| Belgium
BRUSSELS
Monsanto Europe S.A.
1, Place Madaou
1030 Brussels, Belgium
ANTWERP
Monsanto Europe NV/SA
163 Mechelsesteenweg
2000 Antwerp, Belgium | France
PARIS
Societe Monsanto S.A.
9, rue d'Argenson
75 Paris (8) France | Malaysia
PETALING JAYA
Monsanto Far East Ltd.
Malaysia Branch
116, Jalan Semangal
Petaling Jaya,
Selangor, Malaysia | Switzerland
ZURICH
Monsanto (Suisse) SA
Tiefenhof 10
8001 Zurich, Switzerland |
| Brazil
SAO PAULO
Monsanto Comercio e Industria
Ltda.
Rua Araujo 216 6° Andar
Sao Paulo, Brazil 01220 | Guatemala
GUATEMALA CITY
Monsanto Guatemala Inc.
Edificio Casa
7a Avenida 711 Zona 9
Guatemala City, Guatemala | Mexico
MEXICO CITY
Monsanto Comercial S.A. de C.V.
Calle Thiers No. 248
Mexico 5, D.F., Mexico | Taiwan
TAIPEI
Monsanto Far East Ltd -
Taiwan Branch
6th Floor, Section 1
36 Chang An East Road
Taipei, Taiwan |
| Canada
LASALLE
Monsanto Canada Ltd.
425 St. Patrick St.
Lasalle, Quebec, Canada
REXDALE
Monsanto Canada Ltd.
175 Rexdale Blvd.
Rexdale, Ontario, Canada
VANCOUVER
Monsanto Canada Ltd.
1004 Hamilton St.
Vancouver 3, B.C., Canada | Holland
DEEN HAAG
Monsanto NV
Jan van Nassaustraat 53/55
Den Haag, Holland | Nicaragua
MANAGUA
Monsanto Nicaragua S.A.
P. O. Box 288
Managua, Nicaragua | Thailand
BANGKOK
Monsanto Thailand Ltd.
5th Floor, Kasemki Building
120 Silom Road
Bangkok, Thailand |
| Chile
SANTIAGO
Servicios Tecnicos Pacifico
Ltda. "Sortepi"
Edificio Espana Oficina 502
Calle Estado 337
Santiago de Chile | Hong Kong
HONG KONG
Monsanto Far East Ltd.
Management House
26 Canal Road West
Hong Kong | Norway
OSLO
Monsanto Norge A.S.
Frest Olsensgt 11
Oslo 1, Norway | United Kingdom
LONDON
Monsanto Chemicals Ltd.
Monsanto House
10-18 Victoria Street
London S.W.1, England |
| Colombia
BOGOTA
Monsanto Colombia Inc.
Carretera 15 No. 77-50
Bogota, Colombia | India
BOMBAY
Monsanto Chemicals of
India Pvt. Ltd.
Wakfield House, 11 Sprott Road
Ballard Estate
Bombay 1, India
CALCUTTA
Monsanto Chemicals of
India Pvt. Ltd.
19 Rajendranath Mukherjee Road
Calcutta 1, India
MADRAS
Monsanto Chemicals of
India Pvt. Ltd.
310-311 Linghi Chetty Street
Madras 1, India
NEW DELHI
Monsanto Chemicals of
India Pvt. Ltd.
3/8 Asaf Ali Road
Near Turkman Gate
New Delhi, India | Philippines
MANILA
Monsanto Philippines Inc.
Suite 314 Rufino Bldg.
6784 Ayala Avenue
Makati, Rizal D-708 Phil pines | Venezuela
CARACAS
Monsanto (Venezuela) CA
Torre Phelps- Piso 24
Plaza Venezuela
Caracas, Venezuela |
| | | Puerto Rico
RIO PIEDRAS
Monsanto Puerto Rico Company
P.O. Box 837 Hato Rey Sta.
Rio Piedras, Puerto Rico 00919 | West Germany
DUSSELDORF
Monsanto (Deutschland) GmbH
Immermannstr. 3
4000 Dusseldorf
West Germany |
| | | Singapore
SINGAPORE
Monsanto Singapore Company
(Pte.) Ltd.
(Off Jalan Jurong Kechil, 8 M.S.)
Singapore 21 | |
| | | South Africa
DURBAN
Monsanto South Africa (Pty.) Ltd.
151 Guildhall 25 31
Gardiner Street
Durban, South Africa | |

0107808

Monsanto 800 North Lindbergh Boulevard, St. Louis, Missouri 63166

TOWOLDMON0022563
WATER_PCB-00007032