



KEY SCIENTIFIC PRODUCTS, INC  
1113 EAST REYNOLDS STREET  
STAMFORD, TEXAS 79553  
VOICE 800-843-1539  
FAX 888-440-4208  
WWW.KEYSCIENTIFIC.COM

## MATERIAL SAFETY DATA SHEET

### EMERGENCY ASSISTANCE - 24 hour

For emergency assistance involving chemicals call CHEMTREC (800) 424-9300.

### SECTION 1: MATERIAL INFORMATION

Common Name: **IDENTICULT AE TEST KITS**  
(Including Buffer Reagent and Color Reagent solutions)  
Synonyms: N/AP  
Catalog Number: KF4012, KF4080  
CAS #: N/AV

### SECTION 2: HAZARDOUS INGREDIENTS

<u>Hazardous Components</u>	<u>CAS #</u>	<u>Chemical Family</u>	<u>Molecular Formula</u>	<u>Approximate Concentration</u>
<u>Test Strips</u>				
Proprietary Ingredient No. 1				
<u>BRIJ-35</u> [Polyoxyethylene (23) Lauryl Ether]	9002-92-0	Surfactant	C <sub>58</sub> H <sub>118</sub> O <sub>24</sub>	0.5%
Proprietary Ingredient No. 2	-	Azide	-	0.1%
Identicult Color Reagent (Reagent 2)				
<u>Hydrochloric Acid</u>	7647-01-0	Acid HCl	3.3%	
Methanol, Absolute	67-56-1	Alcohol	CH <sub>4</sub> O	3.3%
Proprietary Ingredient No. 3	-	Aldehyde	-	0.2%
<u>BRIJ-35</u> [Polyoxyethylene (23) Lauryl Ether]	9002-92-0	Surfactant	C <sub>58</sub> H <sub>118</sub> O <sub>24</sub>	0.1%
Proprietary Ingredient No. 2	-	Azide	-	0.1%

### SECTION 3: PHYSICAL DATA

	<u>Test Strips</u>	<u>Buffer Reagent</u>	<u>Color Reagent</u>
Appearance:	<u>Paper strip</u>	<u>Clear, foamy liquid</u>	<u>Clear, yellow-orange liquid</u>
Boiling Point:	N/AV	N/AV	N/AV
Melting Point:	N/AV	N/AV	N/AV
Odor:	None	None	None
pH:	N/AV	N/AV	N/AV
Solution in Water:	N/AV	N/AV	N/AV
Vapor Pressure:	N/AV	N/AV	N/AV
Specific Gravity:	N/AV	N/AV	N/AV
Vapor Density:	N/AV	N/AV	N/AV
Flash Point:	N/AV	N/AV	N/AV
Evaporation Rate:	N/AV	N/AV	N/AV

### SECTION 4: FIRE AND EXPLOSION HAZARD

	<u>Test Strips</u>	<u>Buffer Reagent</u>	<u>Color Reagent</u>
Flammable:	<u>No</u>	<u>No</u>	<u>No</u>
<u>Flammability Limits:</u> All:		Upper: N/AP	Lower: N/AP

---

**SECTION 4: FIRE AND EXPLOSION HAZARD - continued**


---

**Extinguish Media:** All: Do not use water; Use CO<sub>2</sub>, dry chemical, "alcohol," or polymer foam.

**Special Hazards:** All: Wear self-contained, positive-pressure breathing apparatus and full protective clothing.

**Unusual Fire and Explosion Hazards:** Emits toxic fumes under fire conditions.

---

**SECTION 5: REACTIVITY DATA**


---

Stable:  Unstable:

Conditions to Avoid:  
Heat

Materials to Avoid:

- Water -
- Acids -
- Bases -
- Corrosives -
- Oxidizers -
- Other: Metals, Acid Chlorides, Acid Anhydrides

Hazardous Decomposition Products:

Toxic fumes of Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides; Beta-Naphthylamine

---

**SECTION 6: HEALTH HAZARD DATA**


---

To the best of our knowledge, the chemical, physical, and toxicological properties of this mixture have not been thoroughly investigated. Presented below are specific data on each of the subcomponent ingredients:

<u>Hazardous Component</u>	<u>%</u>	<u>Threshold Limit Value</u>	<u>TXDS</u>
Proprietary Ingredient No. 1	0.8mg/strip		

RTECS (Registry of Toxic Effects of Chemical Substances) data is supplied for a closely related compound:

RTECS No.QM2100000 2-Naphthylamine

**TOXICITY DATA**

ORL-RAT L050:727 MG/KG

85JCAE - ,466,86

IPR-MUS L050:200 MG/KG

NTIS\*\* AD277-689

**REVIEWS, STANDARDS, AND REGULATIONS**

ACGIH TLV-HUMAN CARCINOGEN: NO TWA

85INA8 5,421,86

IARC CANCER REVIEW:HUMAN SUFFICIENT EVIDENCE

IMEMDT 4,97,74

IARC CANCER REVIEW:ANIMAL SUFFICIENT EVIDENCE

IMEMDT 4,97,74

IARC CANCER REVIEW GROUP 1

IMSUDL 7, 261, 87

OSHA-CANCER SUSPECT AGENT

CFRGBR 29,1910.1009,87

NIOSH REL TO BETA-NAPHTHYLAMINE-AIR:TWA USE 29 CFR 1910.1009

MMWR\*\* 37(S-7),20,88

NOHS 1974: HZD 50065: NIS 1: TNF 10: NOS 5: TNE 420

NOES 1983: HZD 50065: NIS 1: TNF 10: NOS 1: TNE 275:TFE 265

EPA GENETOX PROGRAM 1988, POSITIVE: CARCINOGENICITY-MOUSE/RAT:

SHE CLONAL ASSAY

EPA GENETOX PROGRAM 1988, POSITIVE: CELL TRANSFORM.-MOUSE EMBRYO

EPA GENETOX PROGRAM 1988, POSITIVE: CELL TRANSFORM.-RLV F344 RAT EMBRYO

EPA GENETOX PROGRAM 1988, POSITIVE: CELL TRANSFORM.-SA7/SHE:

HOST-MEDIATED ASSAY

EPA GENETOX PROGRAM 1988, POSITIVE: MAMMALIAN MICRONUCLEUS:N

CRASSA FORWARD MUTATION

EPA GENETOX PROGRAM 1988, POSITIVE: E COLI POLA WITH S9: HISTIDINE

REVERSION-AMES TEST

EPA GENETOX PROGRAM 1988, POSITIVE: S. CEREVISIAE GENE CONVERSION

EPA GENETOX PROGRAM 1988, NEGATIVE: CELL TRANSFORM.-BALB/C-3T3: E COLI

POLA WITHOUT S9

EPA GENETOX PROGRAM 1988, NEGATIVE: SPERM MORPHOLOGY-MOUSE: S

CEREVISIAE-HOMOZYGOSIS

EPA GENETOX PROGRAM 1988, INCONCLUSIVE: D MELANOGASTER SEX-LINKED

LETHAL

EPA GENETOX PROGRAM 1988, POSITIVE: CHO GENE MUTATION

EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, APRIL 1990

NIOSH ANALYTICAL METHODS: SEE NAPHTHYLAMINES, 5518

NTP FIFTH ANNUAL REPORT ON CARCINOGENS, 1989: KNOWN TO BE CARCINOGENIC

---

**SECTION 6: HEALTH HAZARD DATA - continued**


---

**TARGET ORGAN DATA**

LUNGS, THORAX OR RESPIRATION (TUMORS)  
 LIVER (TUMORS)  
 KIDNEY, URETER, BLADDER (BLADDER TUMORS)  
 BLOOD (LYMPHOMA INCLUDING HODGKIN'S DISEASE)  
 SKIN AND APPENDAGES (TUMORS)  
 TUMORIGENIC (CRCINOGENIC BY RTECS CRITERIA)

TUMORIGENIC (NEOPLASTIC BY RTECS CRITERIA)  
 TUMORIGENIC (EQUIVOCAL TUMORIGENIC AGENT BY RTECS CRITERIA)  
 TUMORIGENIC (TUMORS AT SITE OF APPLICATION)

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

---

**.....HEALTH HAZARD DATA.....**


---

**ACUTE EFFECTS**

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.  
 THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

**CHRONIC EFFECTS**

POSSIBLE CARCINOGEN.  
 CHRONIC EFFECTS SUGESTED BY ANALOGY TO BETA-NAPHTHYLAMINE

Proprietary Ingredient No. 2                      0.1%

**ACUTE EFFECTS**

MAY BE FATAL IF INHALED, SWALLOWED, OR ABSORBED THROUGH SKIN.

MAY CAUSE EYE IRRITATION.

EXPOSURE CAN CAUSE:

NAUSEA, HEADACHE AND VOMITING

**CHRONIC EFFECTS:**

MAY ALTER GENETIC MATERIAL.

TARGET ORGAN(S):

NERVES, HEART

BRAIN

**ADDITIONAL INFORMATION**

LABORATORY EXPERIMENTS IN ANIMALS HAVE SHOWN PROPRIETARY INGREDIENT NO. 1 TO PRODUCE A PROFOUND HYPOTENSIVE EFFECT, DEMYLEINATION OF MYLENATED NERVE FIBERS IN THE CENTRAL NERVOUS SYSTEM TESTICULAR DAMAGE, BLINDNESS, ATTACKS OF RIGIDITY, HEPATIC AND CEREBRAL EFFECTS.

**TOXICITY DATA**

ORL-WMN LDLO:14 MG/KG	JFSCAS 35,193,90
ORL-MAN LDLO:143 MG/KG	JTCTDW 24, 339,86
ORL-RAT LD50:27 MG/KG	FMCHA2 -,C32,91
ORL-MUS LD50:27 MG/KG	CLDND*
IPR-MUS LD50:28 MG/KG	JHHTAB 30,98,48
IVN-MUS LD50:19 MG/KG	CLDND*
UNR-MUS LD50:27 MG/KG	BJCAA1 6,16,52
SKN-RBT LD50:20 MG.KG	FMCHA2 -,C32,91
ORL-BWD LD50:23700 UG/KG	AECTCV 12,355,83

**TARGET ORGAN DATA**

SENSE ORGANS AND SPECIAL SENSES (MYDRIASIS)

BEHAVIORAL (GENERAL ANESTHETIC)

BEHAVIORAL (SOMNOLENCE)

BEHAVIORAL (CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD)

BEHAVIORAL (CHANGE IN MOTOR ACTIVITY)

BEHAVIORAL (HEADACHE)

BEHAVIORAL (IRRITABILITY)

CARDIAC ARRHYTHMIAS

CARDIAC (CHANGE IN FORCE OF CONTRACTION)

VASCULAR (BP LOWERING NOT CHARACTERIZED IN AUTONOMIC SECTION)

LUNGS, THROAX OR RESPIRATIN (DYSPPNAE)

LUNGS, THORAX OR RESPIRATION (RESPIRATORY STIMUALTION)

GASTROINTESTINAL (HYPERMOTILITY, DIARRHEA)

KIDNEY, URETER, BLADDER (OTHER CHANGES)

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

**REVIEWS, STANDARDS, AND REGULATIONS**

ACGIH TLV-CL 0.3 MG/M3

85INA8 5,533,86

OSHA PEL FINAL:CL 0.3 MG(NAN3)/M3 (SKIN)

FEREAC 54,2923,89

---

**SECTION 6: HEALTH HAZARD DATA - continued**


---

OEL-AUSTRALIA:TWA 0.1 PPM (0.3MG/M3) JANUARY 1993  
 OEL-BELGIUM:STEL 0.11 PPM (0.3MG/M3) JANUARY 1993  
 OEL-DENMARK:TWA 0.3 MG/M3 JANUARY 1993  
 OEL-FINLAND:TWA 0.1 PPM (0.3 MG/M3); STEL 0.3PPM (0.9 MG/M3) JANUARY 1993  
 OEL-FRANCE: STEL 0.1 PPM (0.3 MG/M3) JANUARY 1993  
 OEL-GERMANY: TWA 0.7 PPM (0.2 MG/M3) JANUARY 1993  
 OEL-THE NETHERLANDS: TWA 0.1 PPM (0.3 MG/M3) JANUARY 1993  
 OEL-SWITZERLAND: TWA 0.7 PPM (0.2 MG/M3) JANUARY 1993  
 OEL-UNITED KINGDOM: TWA 0.1 PPM (0.3 MG/M3); STEL 0.1 PPM (0.3 MG/M3) JANUARY 1993  
 OEL IN BULGARIA, COLOMBIA, JORDAN, KOREA, NEWL ZEALAND, SINGAPORE  
 VIETNAM CHECK ACGIH TLV  
 NIOSH REL TO PROPRIETARY INGREDIENT NO. 2, AS HN3-AIR:CL 0.1 PPM (SK)  
 NIOSH\* DHHS #92-100,92  
 NOHS 1974: HZD 68820; NIS 13; TNF 877; NOS 10; TNE 5953  
 NOES 1983: HZD 68820; NIS 19; TNF 3640; NOS 27; TNE 54959; TFE 38370  
 EPA GENETOX PROGAM 1988, POSITIVE: L5178Y CELLS IN VITRO-TK TEST  
 EPA GENETOX PROGAM 1988, POSITIVE: D MELANOGASTER SEX-LINKED LETHAL  
 EPA GENETOX PROGRAM 1988, POSITIVE: S CEREVISIAE GENE CONVERSION  
 EPA GENETOX PROGRAM 1988, POSITIVE: S CEREVISIAE-FORWARD MUTATION; S  
 CEREVISIAE-REVERSION  
 EPA GENETOX PROGRAM 1988, NEGATIVE: IN VITRO CYTOGENETICS-HUMAN  
 LYMPHOCYTE  
 EPA GENETOX PROGRAM 1988, NEGATIVE: SPERM MORPHOLOGY-MOUSE; IN VITRO  
 UDS-HUMAN FIBROBLAST  
 EPA GENETOX PROGRAM 1988, NEGATIVE: TRP REVERSION  
 EPA GENETOX PROGRAM 1988, INCONCLUSIVE: CARCINOGENICITY-MOUSE/RAT; TRP  
 REVERSION  
 EPA TSCA CHEMICAL INVENTORY, JANUARY 1993  
 EPA TSCA SECTION 8(E) STATUS REPORT 8EHQ-1083-0494  
 ON EPA IRIS CATABASE  
 EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, SEPTEMBER 1993  
 NIOSH CURRENT INTELLIGENCE BULLETIN 13, 1976

Propriety Ingredient No. 3	0.2%	N/AV	N/AV
Hydrochloric Acid, conc.	3.3%	5ppm	1HL-HMN LDLO: 1000ppm/1m
Methanol	3.3%		

**ACUTE EFFECTS**

MAY BE FATAL IS SWALLOWED.  
 HARMFUL IF INHALED OR ABSORBED THROUGH SKIN.  
 VAPOR OR MIST IS IRRITATING TO THE EYES, MUCOUS MEMBRANES AND UPPER RESPRIATORY TRACT.  
 CAUSES SKIN IRRITATION.  
 EXPOSURE CAN CAUSE:  
 DAMAGE TO EYES  
 DAMAGE TO LIVER  
 DAMAGE TO HEART  
 DAMAGE TO KIDNEYS  
 GASTROINTESTINAL DISTURBANCES  
 MAY CAUSE CONVULSIONS.  
 TARGET ORGAN(S):  
 EYES  
 KIDNEYS

**ADDITIONAL INFORMATION**

WARNING: CONTAINS METHANOL. MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED. CANNOT BE MADE  
 NONPOISONOUS.  
 RTECS NO: PC1400000  
 METHANOL

**IRRITATION DATA**

SKN-RBT 20 MG/24H MOD  
 EYE-RBT 40 MG MOD  
 EYE-RBT 100 MG/24H MOD

**TOXICITY DATA**

ORL-AMN LDLO:6422 MG/KG  
 ORL-HMN LDLO:428 MG/KG  
 ORL-HMN LDLO:143 MG/KG  
 UNR-MAN LDLO:868 MG/KG  
 ORL-RAT LD50:5628 MG/KG

**TARGET ORGAN DATA**

SENSE ORGANS AND SPECIAL SENSES (OPTIC NERVE NEUROPATHY)  
 SENSE ORGANS AND SPECIAL SENSES (VISUAL FIELD CHANGES)  
 BEHAVIORAL (HEAD ACHE)  
 LUNGS, THORAX OR RESPIRATION (DYSPPNAE)  
 LUNGS, THORAX OR RESPIRATION (OTHER CHANGES)

---

**SECTION 6: HEALTH HAZARD DATA - continued**


---

GASTROINTESTINAL (NAUSEA OR VOMITING)  
 SPECIFIC DEVELOPMENTAL ABNORMALITIES (CENTRAL NERVOUS SYSTEM)  
 ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES  
 (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR  
 COMPLETE INFORMATION.

**REVIEWS, STANDARDS, AND REGULATIONS**

ACGIH TLV-TWA 200 PPM; STEL 250 PPM (SKIN) 851NA8 5,372,86  
 EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION FEREAC 54,7740,89  
 MSHA STANDARD-AIR:TWA 200 PPM (260 MG/M3) (SKIN)  
 DTLVS\* 3,155,71  
 OSHA PEL:8H TWA 200 PPM (MG/M3)  
 FEREAC 54,2923,89  
 OSHA PEL FINAL:8H TWA 200 PPM 9260 MG/M3;STEL 250 PPM (SKIN)  
 FEREAC 54,2923,89  
 OEL-ARAB REPUBLIC OF EGYPT:TWA 200 PPM (260 MG/M3);SKIN JANUARY 1993  
 OEL-AUSTRALIA:TWA 200 PPM (260 MG/M3);STEL 250 PPM (310 MG/M3);SKIN JANUARY 1993  
 OEL-BELGIUM:TWA 200 PPM (262 MG/M3);STEL 250 PPM (328 MG/M3);SKIN JANUARY 1993  
 OEL-CZECHOSLOVAKIA:TWA 100 MG/M3;STEL 500 MG/M3 JANUARY 1993  
 OEL-DENMARK:TWA 200 PPM (260 MG/M3);SKIN JANUARY 1993  
 OEL-FINLAND:TWA 200 PPM (260 MG/M3);STEL 250 PPM (325 MG/M3);SKIN JANUARY 1993  
 OEL-FRANCE:TWA 200 PPM (260 MG/M3);STEL 1000 PPM (1300 MG/M3) JANUARY 1993  
 OEL-GERMANY:TWA 200 PPM (260 MG/M3);SKIN JANUARY 1993  
 OEL-HUNGARY:TWA 50 MG/M3;STEL100 MG/M3;SKIN JANUARY 1993  
 OEL-JAPAN:TWA 200 PPM (260 MG/M3);SKIN JANUARY 1993  
 OEL-THE NETHERLANDS:TWA 200PPM (260 MG/M3);SKIN JANUARY 1993  
 OEL-THE PHILIPPINES:TWA 200 PPM (260 MG/M3) JANUARY 1993  
 OEL-POLAND:TWA 100 MG/M3 JANUARY 1993  
 OEL-RUSSIA:TWA 200 PPM;STEL 5 MG/M3;SKIN JANUARY 1993  
 OEL SWEDEN:TWA 200 PPM (250 MG/M3);STEL 250 PPM (350 MG/M3);SKIN  
 JANUARY 1993  
 OEL-SWITZERLAND:TWA 200 PPM (260 MG/M3);STEL 400 PPM (520 MG/M3);SKIN JANUARY 1993  
 OEL-THAILAND:TWA 200 PPM (260 MG/M3) JANUARY 1993  
 OEL-TURKEY:TWA 200 PPM (260 MG/M3) JANUARY  
 OEL-UNITED KINGDOM:TWA 200 PPM (260 MG/M3);STEL 250 PPM (310 MG/M3);SKIN JANUARY 1993  
 OEL IN BULGARIA, COLOMBIA, JORDAN, KOREA, NEW ZEALAND, SINGAPORE, VIETNAM CHECK ACGIH TLV  
 NIOSH REL TO METHANOL-AIR:10H TWA 200 PPM (SK);STEL 250 PPM (SK)  
 NIOSH\* DHHS #92-100,92  
 NOHS 1974: HZD 45930; NIS 344; TNF 78840; NOS 203; TNE 737242  
 NOES 1983: HZD 45930; NIS 373; TNF 101075; NOS 225; TNE 1620617; TFE  
 388352  
 EPA GENETOX PROGRAM 1988, NEGATIVE: SHE-CLONA; ASSAY; CELL  
 TRANSFORM.-SA7/SHE  
  
 EPA GENETOX PROGRAM 1988, NEGATIVE: N CRASSA-ANEUPLOIDY; IN VITRO  
 SCE-NONHUMAN  
 EPA TSCA CHEMICAL INVENTORY, JANUARY 1993  
 EPA TSCA SECTION 8(E) STATUS REPORT 8EHQ-0378-0108  
 ON EPA IRIS DATABASE  
 EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, SEPTEMBER 1993  
 NIOSH ANALYTICAL METHODS: SEE METHANOL, 2000  
 NTP CARCINOGENESIS STUDIES;SELECTED, JANUARY 1993  
 THIS PRODUCT IS SUBJECT TO SARA SECTION 313 REPORTING REQUIREMENTS.

**Effects of Overexposure (Acute and Chronic):**

May cause irritation to mucous membranes, upper respiratory tract, skin, and eyes.

**Carcinogenicity:**

These products do contain a carcinogen at 0.1% or greater.

**First Aid Procedure:**

**Skin Contact:** Remove contaminated clothing. Wash thoroughly with soap and water.  
**Eye Contact:** Flush with water for 15 minutes; get immediate medical attention.  
**Inhalation:** Remove to fresh air.  
**Ingestion:** If swallowed, wash out mouth with water, provided person is conscious. Call a physician.

---

**SECTION 7: SPILL OR LEAK PROCEDURES AND DISPOSAL**


---

**Steps to be taken if Material is Released or Spilled:**

Wear gloves, take up with absorbent material, wash spill area with soap and water.

**Waste Disposal Method:**

Observe all local, provincial, state, and federal regulations.

-----  
**SECTION 8: SPECIAL PROTECTION INFORMATION**  
-----

Provide adequate general mechanical and local exhaust ventilation.  
Avoid prolonged or repeated inhalation of vapor.  
Protect eyes, skin, and clothing with safety goggles and gloves.  
Wash thoroughly after handling.

-----  
**SECTION 9: SPECIAL HANDLING AND STORAGE PRECAUTIONS**  
-----

Keep container tightly closed. Protect against physical damage. Store in refrigerator.

-----  
**SECTION 10: OTHER INFORMATION**  
-----

None.

-----  
**SECTION 11: MSDS PREPARATION AND INFORMATION**  
-----

Current Revision: 01/2012  
Revised By: Kay Baitz

Authorized Signature: \_\_\_\_\_

*Kay Baitz*

**DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES:**

\_\_\_\_\_  
The information in this document is believed to be correct as of the date issued or revised. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE.

This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof.