

CHEMICAL AGENTS

GAS - A fluid that tends to expand indefinitely.

Examples: Oxygen
Nitrogen
Hydrogen
Vinyl Chloride Monomer

VAPOR - A gas that originated from a material that is normally a liquid.

Examples: Water vapor
Gasoline vapor
Plasticizer vapor

DUST - Finely divided solids, normally capable of being suspended in air.

Examples: Talcum powder
Lead carbonate
PVC resin "fines"

FUME - Small particles of a metallic oxide which originate from heating metals to the boiling point in the presence of oxygen.

Examples: Welding fumes
Lead fumes

SMOKE - Particles resulting from incomplete combustion.

Examples: Tobacco smoke
Gasoline smoke
Smoke from "burning out" PVC-contaminated pipes

MIST - A suspension of small droplets of liquid in air.

Examples: Hair sprays
Fog (as on a "foggy day")

FIBER - Any relatively small solid that is at least three times as long as it is wide.

Examples: Fiber Glass insulation
Asbestos insulation
Cotton fiber
Wool

BIOMODES

INHALATION

INGESTION

EYE AND SKIN CONTACT

INJECTION

USE EYE PROTECTION
USE SKIN PROTECTION
USE RESPIRATORS

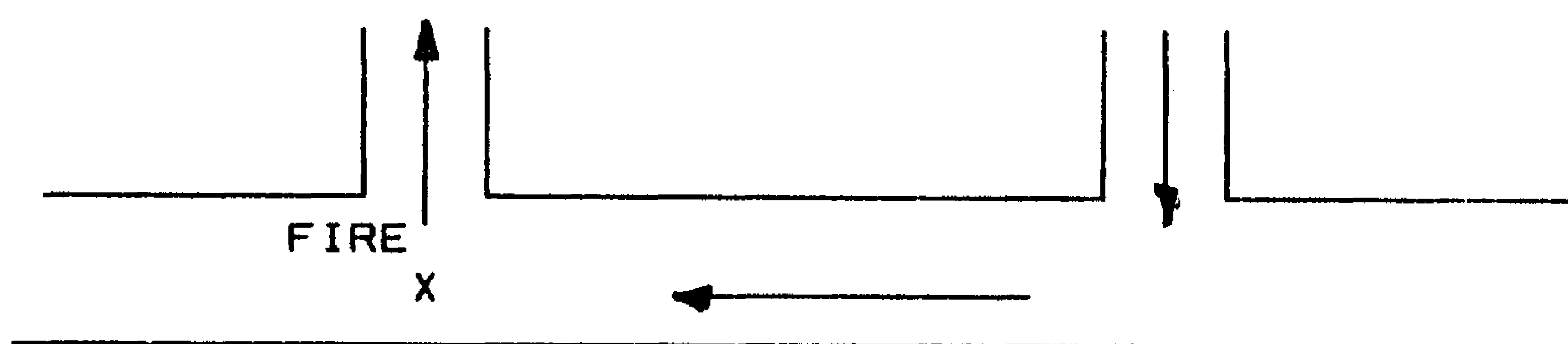
STATES OF MATTER

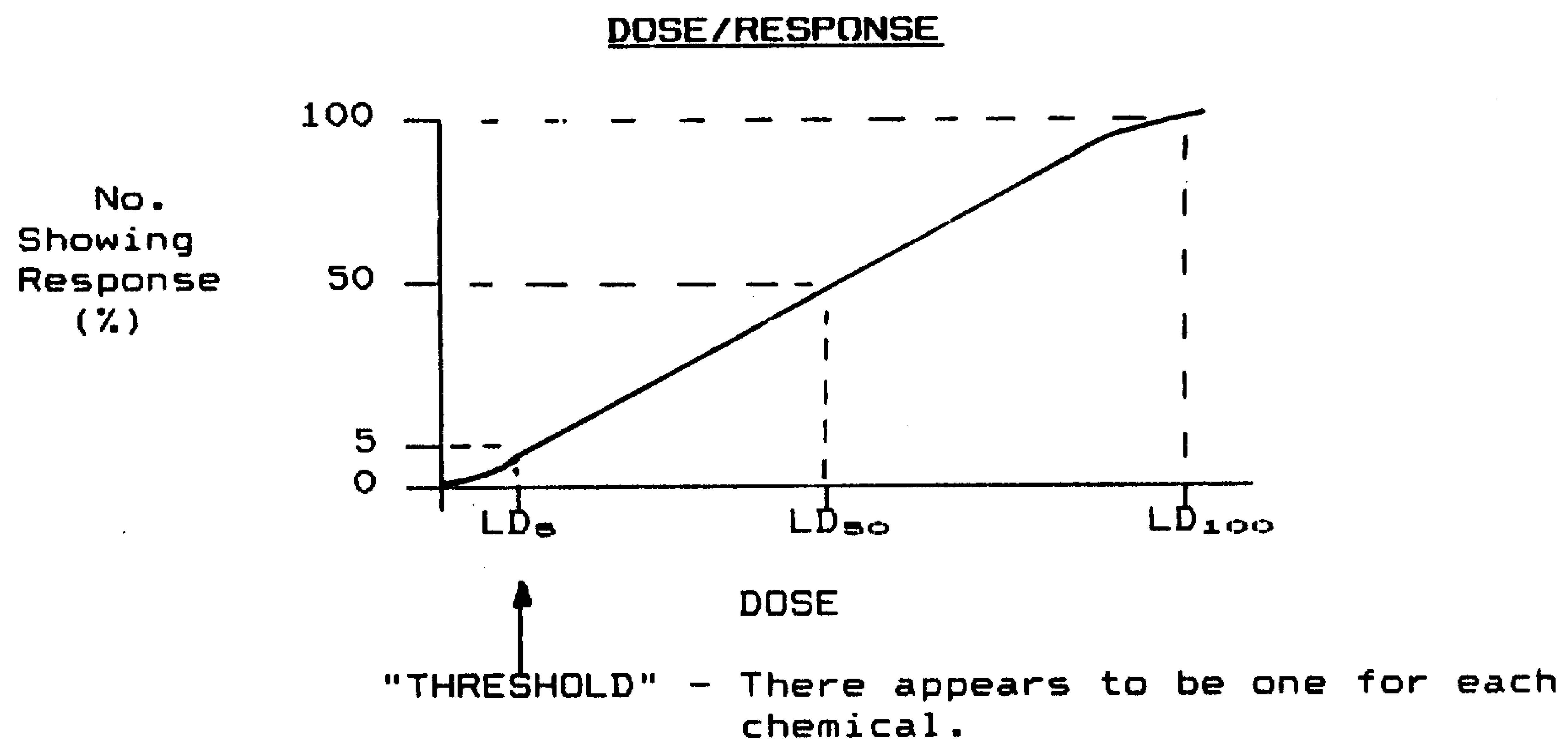
- SOLID** - A substance that does not flow perceptibly under moderate stress.
 - LIQUID** - A fluid (flowing material) but without the tendency to separate.
 - GAS** - A fluid that tends to expand indefinitely.
 - PLASMA** - A collection of charged particles which has some of the properties of a gas, but is a good conductor of electricity and is effected by a magnetic field.
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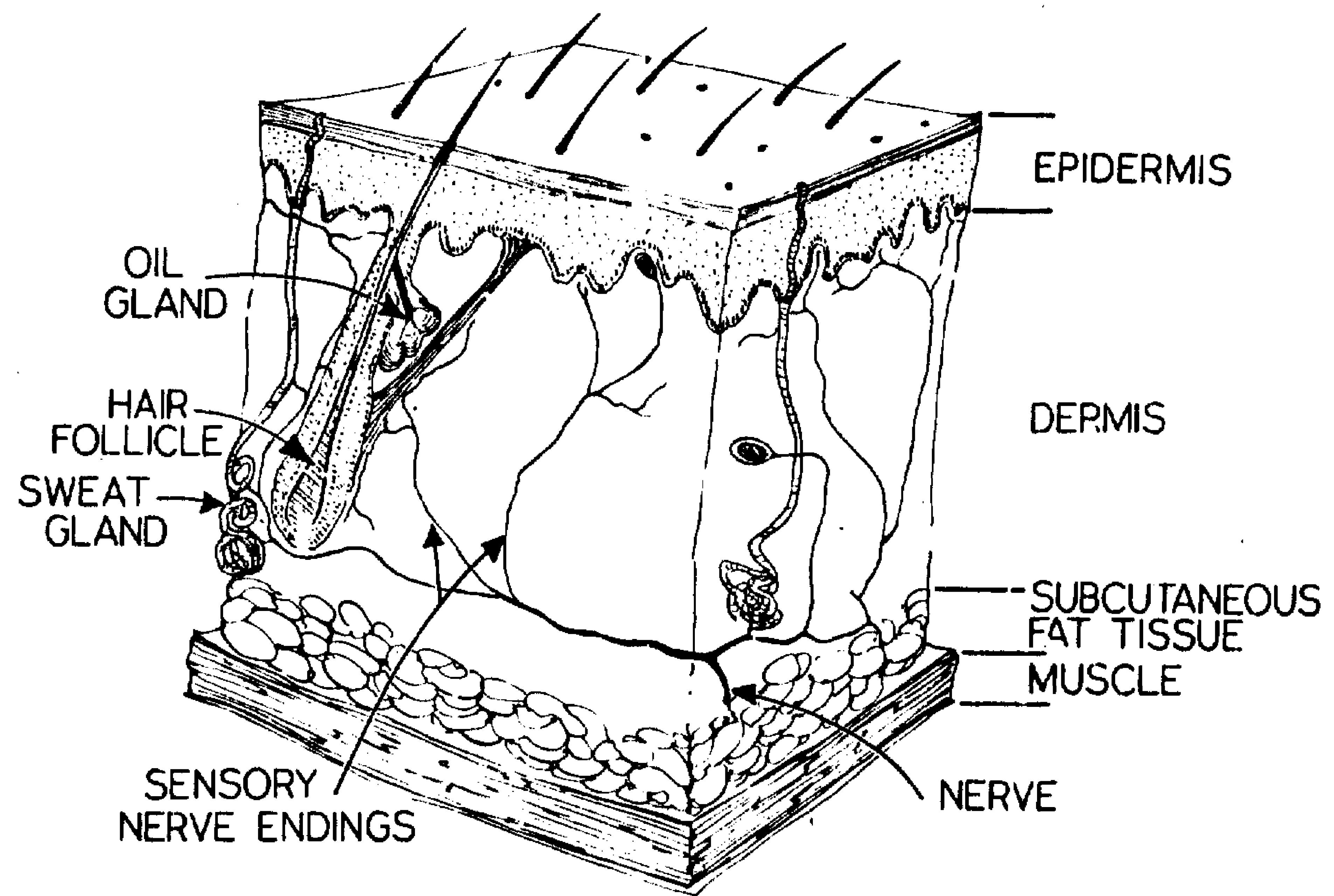
RESPIRATORS

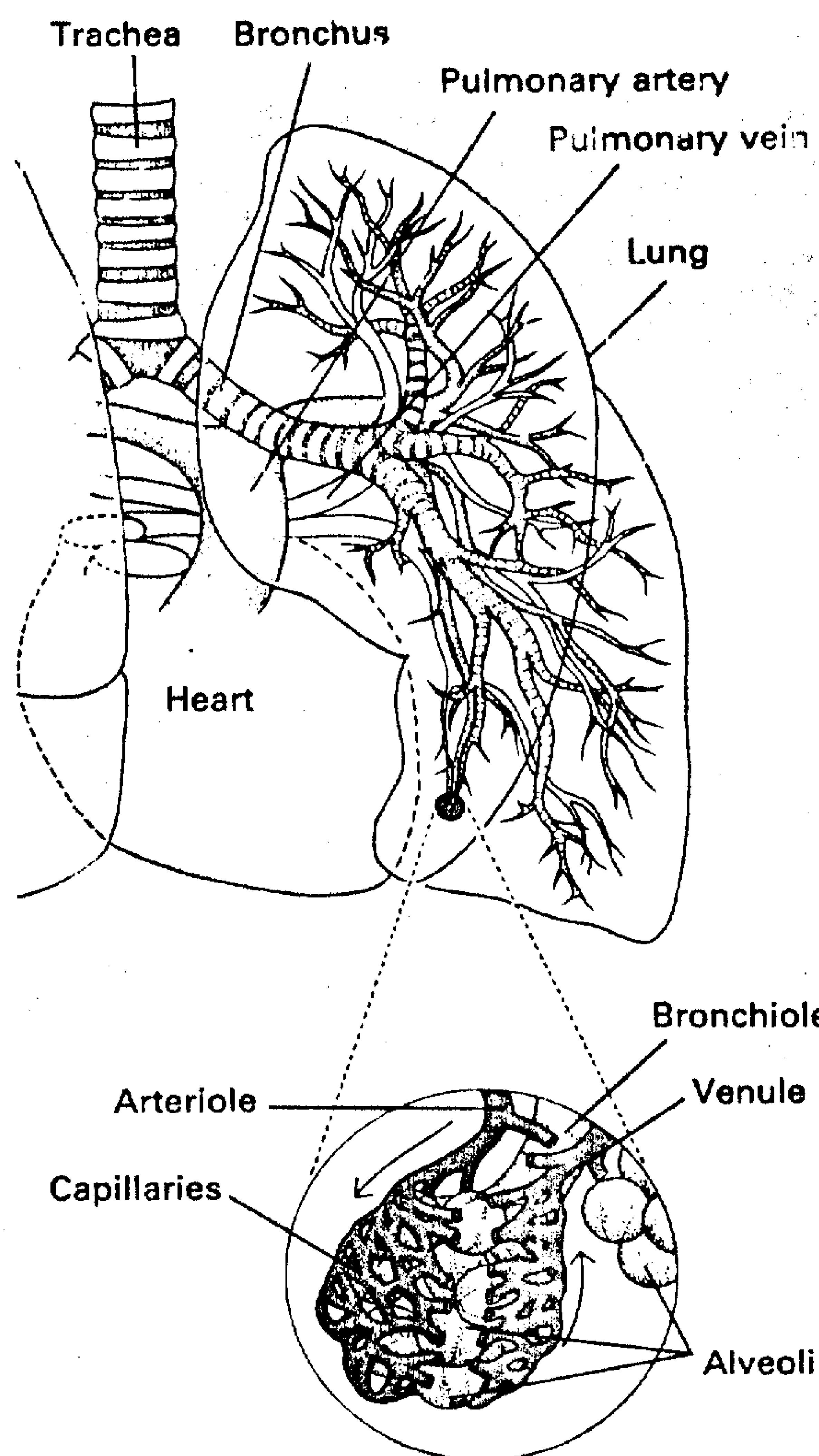
Air-Purifying Respirators - Remove contaminants
from surrounding air.

Air-Supplied Respirators - Provide user with a
source of uncontaminated
air from a location other
than the surroundings.

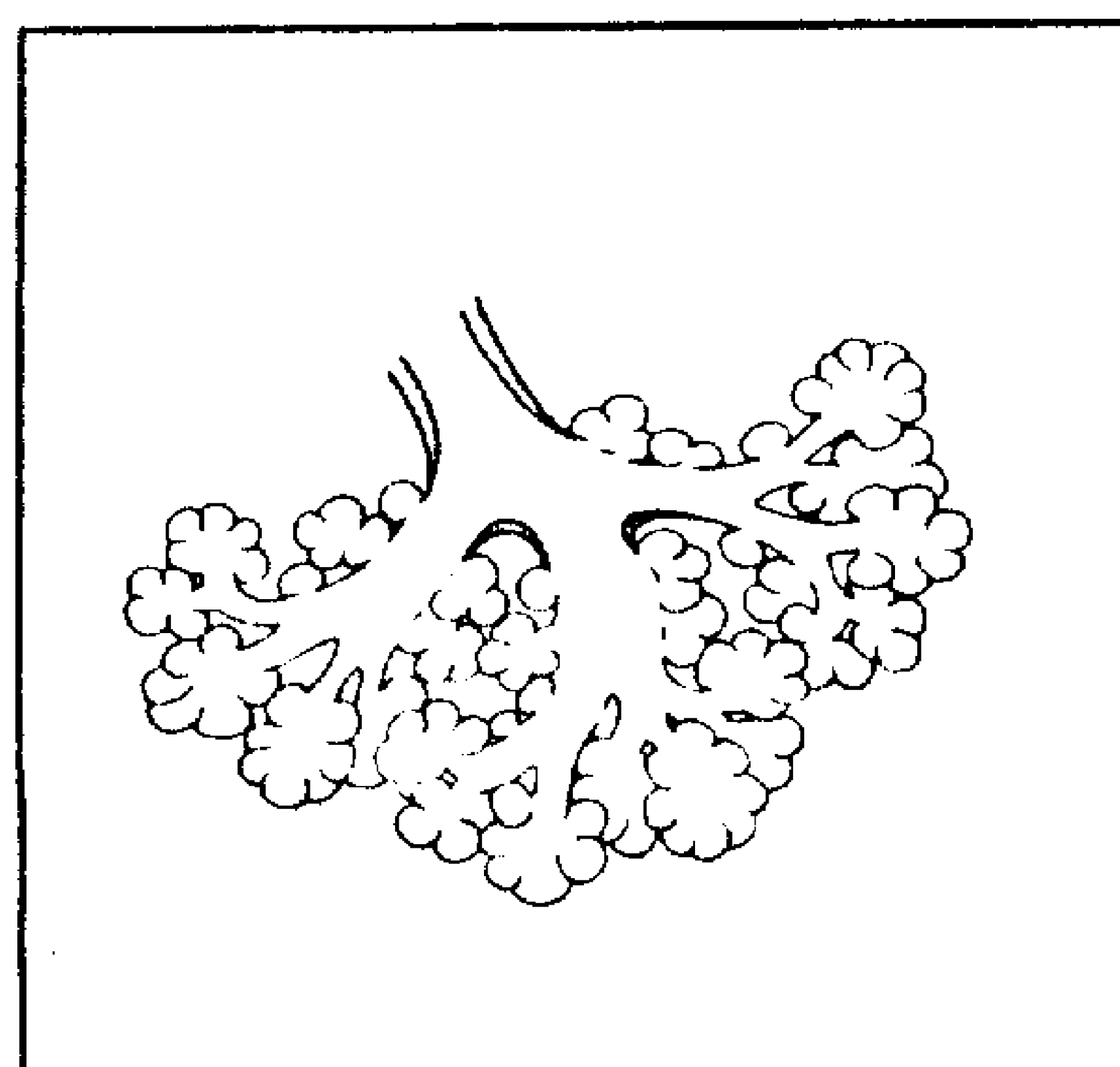








The Secondary Lobule



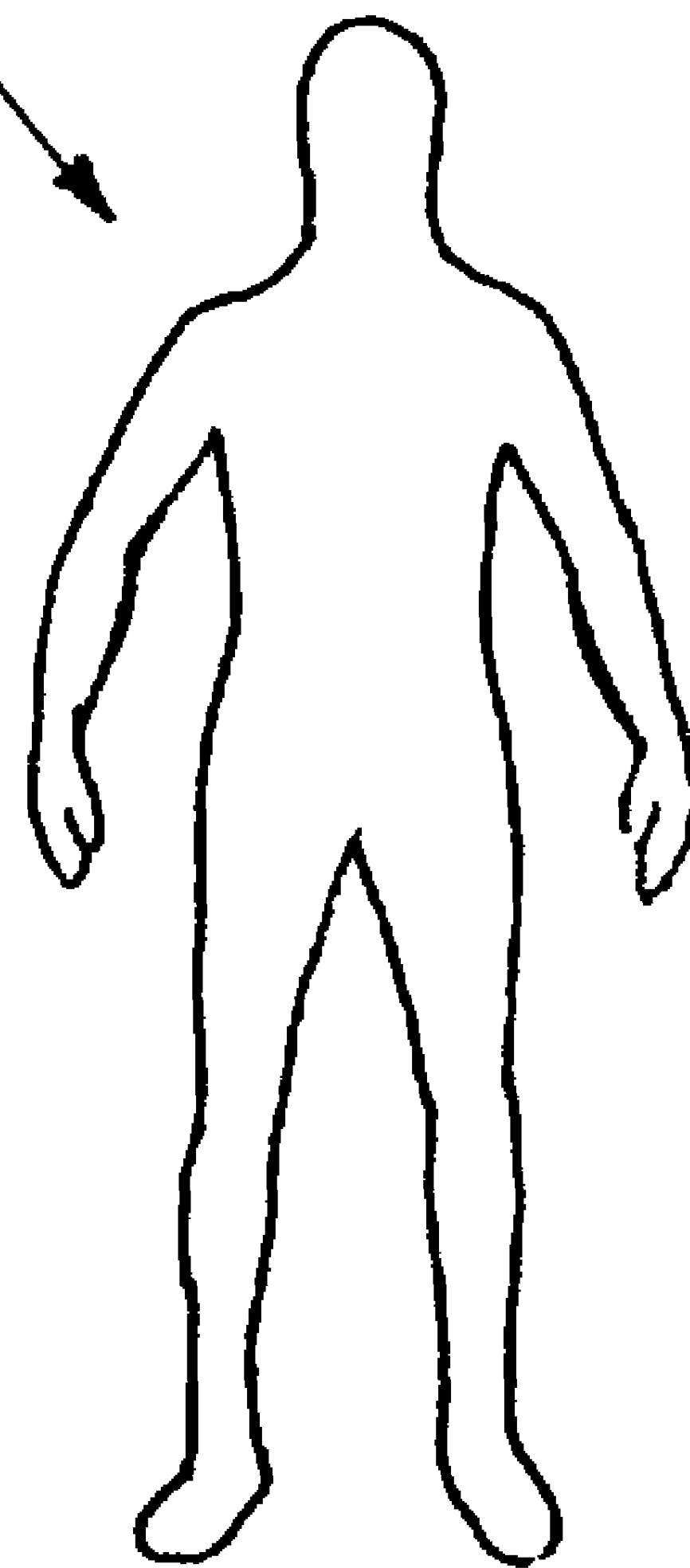
BIOMODES OF ENTRY

CHEMICAL AGENTS

GASES
VAPORS
DUSTS
FUMES
MISTS
FIBERS

PHYSICAL AGENTS

HEAT
NOISE
IONIZING RADIATION
NON-IONIZING RADIATION



WORK GROUPS - LIST
OBSERVABLE UNSAFE ACTS - LIST
REPORTS - MONTHLY, AT CENTRAL SAFETY COMMITTEE MEETING
WHO INSPECTS - ALL THREE SAFETY PEOPLE (ONE PER DAY) AND
SAFETY PERSON ON CALL
FREQUENCY OF INSPECTION - THREE RANDOM DAYS PER WEEK
AREAS OF INSPECTION - WHOLE PLANT AT ONCE
TIME OF DAY - RANDOM TIME

GROUPS:

0 VINYL
1 YARD
2 COMPOUND
3 Q.C. LAB
4 DEV. LAB
5 R&D LAB
6 I&E
7 MAINTENANCE
8 PURCHASING AND ACCOUNTING
9 RECEIVING AND WAREHOUSE
A P. ENGR.
B M. ENGR.
C CONTRACTORS
D SECURITY
E SAFETY
F PERSONNEL
G VISITORS
NOTE: PUT TIME OF DAY AND DATE ON FORM

PERSONAL PROTECTIVE EQUIPMENT

EYE
HEAD
HEARING
FEET AND LEGS
HANDS AND ARMS
RESPIRATORY SYSTEM
FALL PROTECTION
PROTECTIVE CLOTHING
TOTAL

UNSAFE POSITIONS

STRIKING AGAINST
STRUCK BY
FALLS
OVEREXERTION
CAUGHT BETWEEN
INHALING, ABSORBING, SWALLOWING

TOOLS AND EQUIPMENT

INCORRECT FOR THE JOB
USED INCORRECTLY
IN UNSAFE CONDITION

MISCELLANEOUS

IMPROPER WORK PERMIT
IMPROPER FIRE EQUIPMENT
IMPROPER PROCEDURES
SMOKING IN UNAUTHORIZED AREA
SPEEDING
HORSEPLAY